

August 4, 2003

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Mason
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 9-13-9-15, 10-13-9-15, 11-13-9-15, 12-13-9-15, 13-13-9-15, and 15-13-9-15.

#### Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mc

enclosures

RECEIVED
AUG 8 5 2003

DIV. OF OIL, GAS & MINING

Form 3160-3 (September 2001)

> **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

5. Lease Serial No. UTU-66184

Λ	Λ	4
11	11	- 1

APPLICATION FOR PERMIT TO DRILL OR REENTER			6. If Indian, Allottee or Tribe Name N/A	
la. Type of Work: DRILL REENTER			7. If Unit or CA Agreement, N Ashley UTU73520	
1b. Type of Well:	Single Zone  Multip	le Zone	Lease Name and Well No.     Ashley Federal 11-13-9	-15
Name of Operator     Inland Production Company			9. API Well No. 43-013-32	457
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Explorato	ory
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte	
4. Location of Well (Report location clearly and in accordance with a  At surface NE/SW 1970' FSL 2043' FWL  At proposed prod. zone 1796'		7 7	<ol> <li>Sec., T., R., M., or Blk. and</li> <li>NE/SW Sec. 13, T9S R15</li> </ol>	E
4. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State
Approximately 17.2 miles southwest of Myton, Utah			Duchesne	UT
5. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any). Approx. 470' f//se & 3237' f/unit	16. No. of Acres in lease 1,360.57	17. Spacing	Unit dedicated to this well 40 Acres	
Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1418'	19. Proposed Depth		IA Bond No. on file 4488944	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration	
6157' GR	4th Quarter 2003		Approximately seven (7) days from spud to	rig release.

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see
- 5. Operator certification.
  6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature Manchi Croze	Name (Printed/Typed) Mandie Crozier	Date 8/4/03
Title Regulatory Specialist	ahle	1
Approved by Stenature	BRADLEY G. HILL	Date 03
	CAVIRONMENTAL SCIENTIST III	

24. Attachments

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

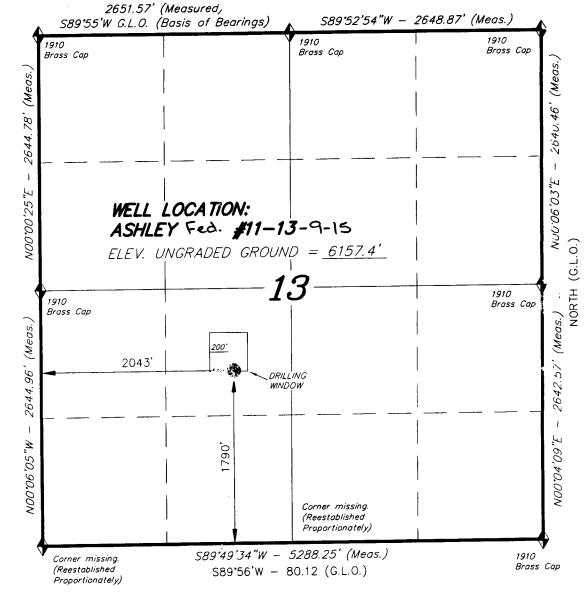
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

<sup>\*(</sup>Instructions on reverse)

# T9S, 315E, S.L.B.&M.

. J\*55'W - 80.16 (G.L.O.)



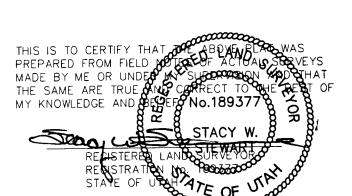


= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

#### INLAND PRODUCTION COMPANY

WELL LOCATION, ASHLEY Fed. #11-13,-9-15 LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 13, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



TRI STATE LAND SURVEYING & CONSULTING

(435) 781 - 2501

FILE #

SURVEYED BY: K.G.S.

DRAWN BY: R.V.C.

38 WEST 100 NORTH - VERNAL, UTAH 84078

SCALE: 1" = 1000'

DATE: 6-10-03

NOTES:

#### INLAND PRODUCTION COMPANY ASHLEY FEDERAL #11-13-9-15 NE/SW SECTION 13, T9S, R15E DUCHESNE COUNTY, UTAH

#### **ONSHORE ORDER NO. 1**

#### DRILLING PROGRAM

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' - 1640' Green River 1640' Wasatch 6070'

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1640' - 6500' - Oil

#### 4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

#### 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

#### 8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

#### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

#### INLAND PRODUCTION COMPANY ASHLEY FEDERAL #11-13-9-15 NE/SW SECTION 13, T9S, R15E DUCHESNE COUNTY, UTAH

#### ONSHORE ORDER NO. 1

#### MULTI-POINT SURFACE USE & OPERATIONS PLAN

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Ashley Federal #11-13-9-15 located in the NE 1/4 SW 1/4 Section 13, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly -11.3 miles  $\pm$  to it's junction with an existing dirt road to the northwest; proceed northwesterly and then southwesterly -3.1 miles  $\pm$  to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly and then northeasterly along the proposed access road  $-6,450^{\circ} \pm$  to the proposed well location.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

#### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

#### 4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

#### 6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

#### 8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

#### 9. WELL SITE LAYOUT

See attached Location Layout Diagram.

#### 10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

#### 11. SURFACE OWNERSHIP - Bureau Of Land Management

#### 12. OTHER ADDITIONAL INFORMATION

The Paleontological Resource Survey and Archaeological Resource Survey for this area are attached. MOAC Report #01-163, 5/23/02. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

Inland Production Company requests a 60' ROW for the Ashley Federal #11-13-9-15 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Inland Production Company also requests a 60' ROW be granted for the Ashley Federal #11-13-9-15 to allow for construction of a 3" steel water injection line and a 3" poly water return line.

Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

#### Water Disposal

Please refer to the Monument Butte Field SOP.

#### **Reserve Pit Liner**

Please refer to the Monument Butte Field SOP.

#### Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Needle and Thread GrassStipa comata6 lbs/acreBeardless bluebunch wheatgrassAgropyron spicatum var. inerme5 lbs/acreBlack sageArtemisia nova1 lb/acre

#### 13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### Representative

Name: Brad Mecham

Address: Route #3 Box 3630

Myton, UT 84052

Telephone: (435) 646-3721

#### Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #11-13-9-15 NE/SW Section 13, Township 9S, Range 15E: Lease UTU-66184 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Regulatory Specialist

Exhibit"D"

Page 1 of 2

CULTURAL RESOURCE INVENTORY OF INLAND RESOURCES' 1750 ACRE ASHLEY UNIT, IN TOWNSHIP 9S, RANGE 15E, SECTIONS 13, 14, AND 15, DUCHESNE COUNTY, UTAH

> Anne Raney and Keith Montgomery

> > Prepared For:

Bureau of Land Management Vernal Field Office Vernal, Utah

Prepared Under Contract With:

Jon D. Holst & Associates for Inland Resources 2507 Flintridge Place Fort Collins, CO 80521

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Prepared By:

Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 01-163

May 23, 2002

United States Department of Interior (FLPMA)
Permit No. 02-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-02-MQ-0235b

#### INLAND RESOURCES, INC.

# PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

(South half Section 13, south half Section 14, south half Section 15, entire Sections 22, 23, 24, T 9 S, R 15 E; Section 5 minus SW & SE 1/4, SE 1/4, and existing well site at NW 1/4, NE 1/4, T 9 S, R 18 E)

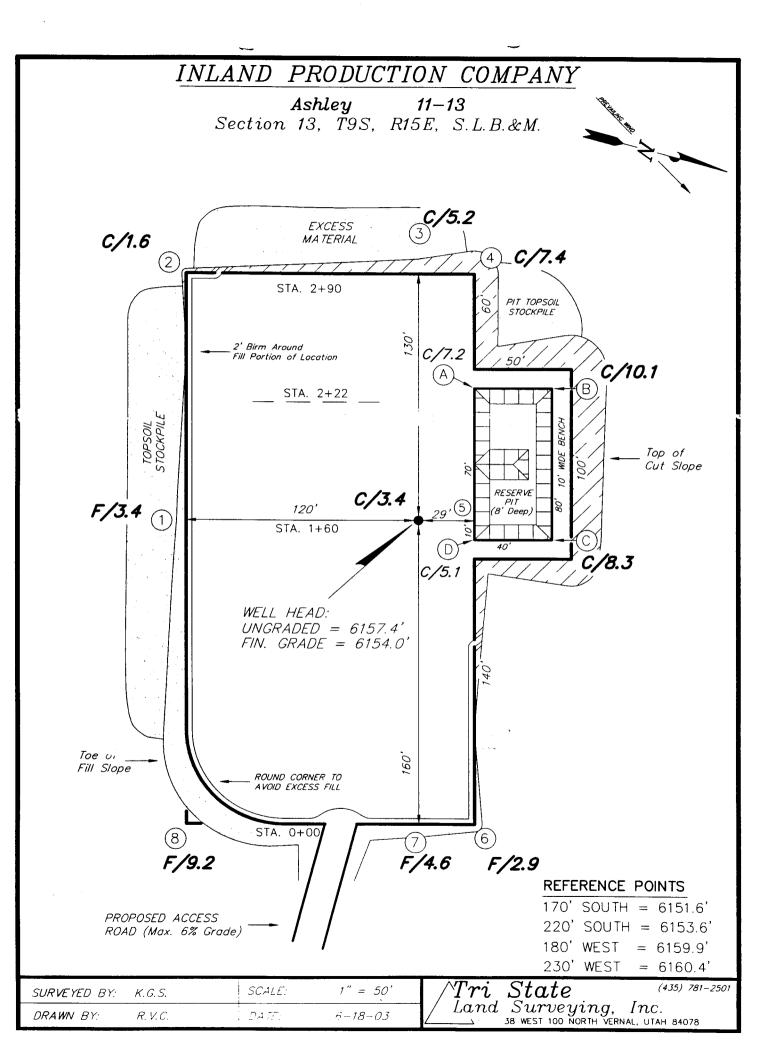
#### REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

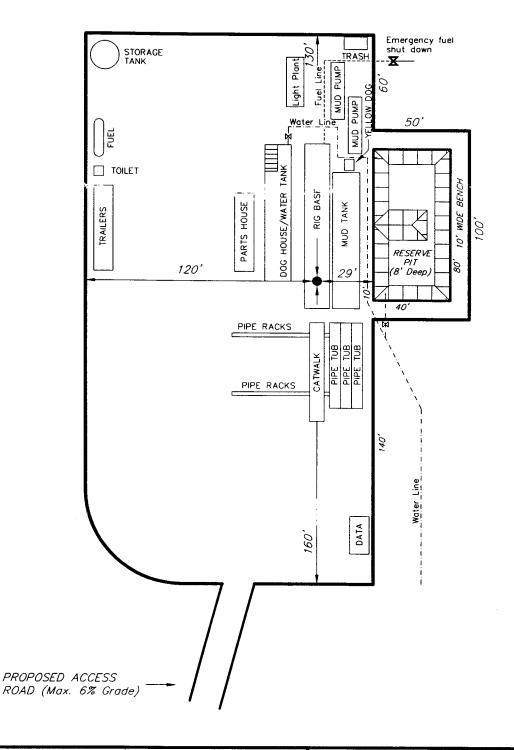
Wade E. Miller Consulting Paleontologist June 7, 2003



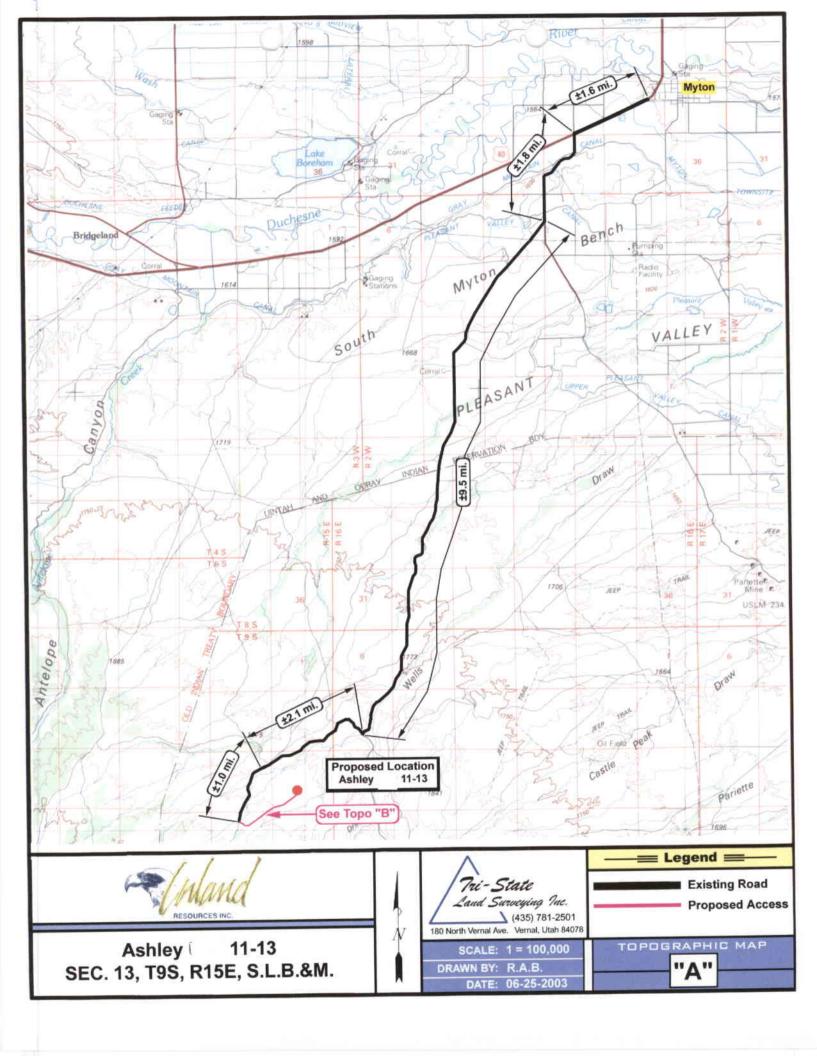
#### INLAND PRODUCTION COMPANY CROSS SECTIONS Ashley 11 - 1320, 11 1 11 11 1" = 50'STA. 2+90 20, 1" = 50'STA. 2+22 EXISTING GRADE FINISHED GRADE 20, WELL HOLE 11 1" = 50'STA. 1+60 20, IJ 1" = 50'STA. 0+00 ESTIMATED EARTHWORK QUANTITIES (Expressed in Cubic Yards) ITEM CUT FILL 6" TOPSOIL **EXCESS** NOTE: PAD 3,690 Topsoil is not included in Pad Cut 3,690 UNLESS OTHERWISE NOTED 0 PIT 640 ALL CUT/FILL SLOPES ARE 0 640 AT 1.5:1 TOTALS 4,330 3,690 890 640 SURVEYED BY: K. G. S. SCALE: 1" = 50' Tri State (435) 781 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078 Tri(435) 781-2501 DRAWN BY: R. V. C. DATE: 6-18-03

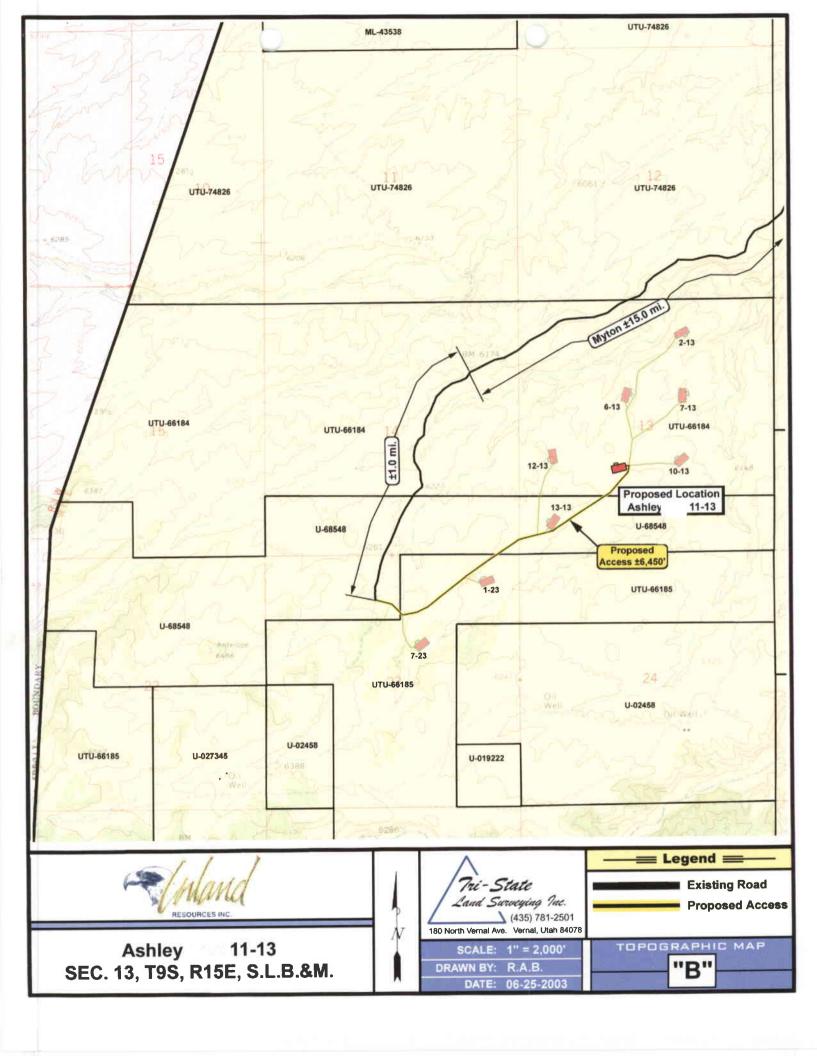
# INLAND PRODUCTION COMPANY

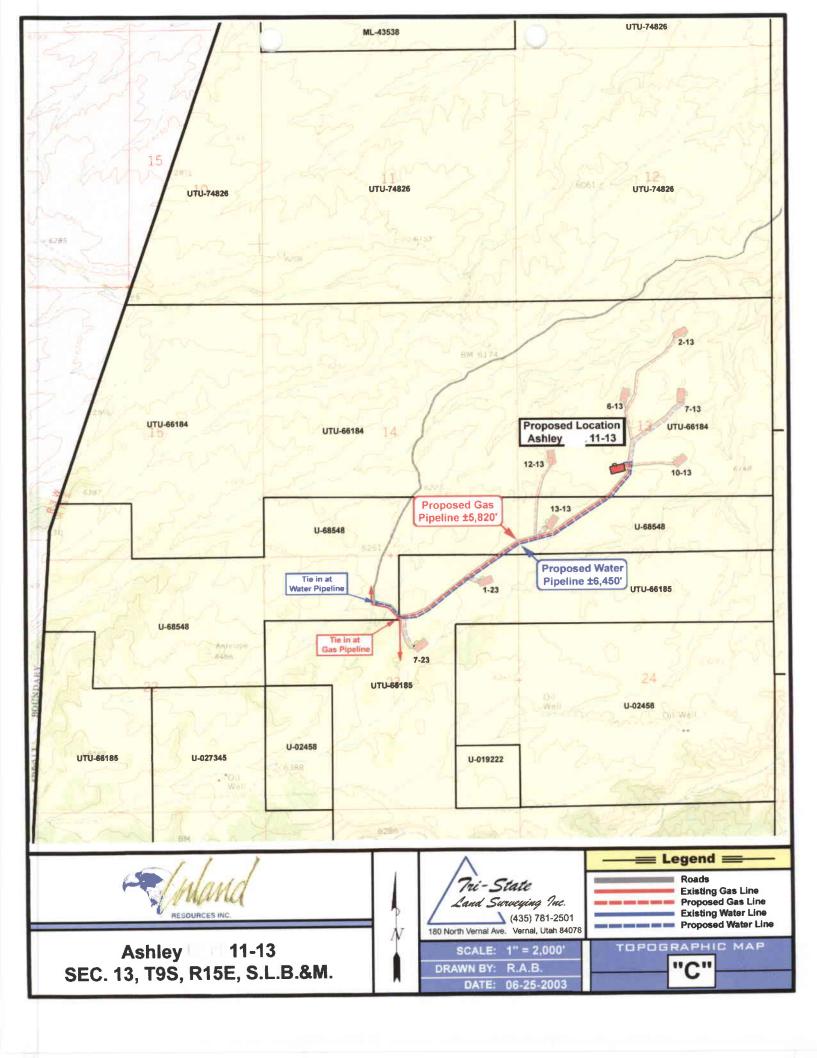
# TYPICAL RIG LAYOUT Ashley 11–13

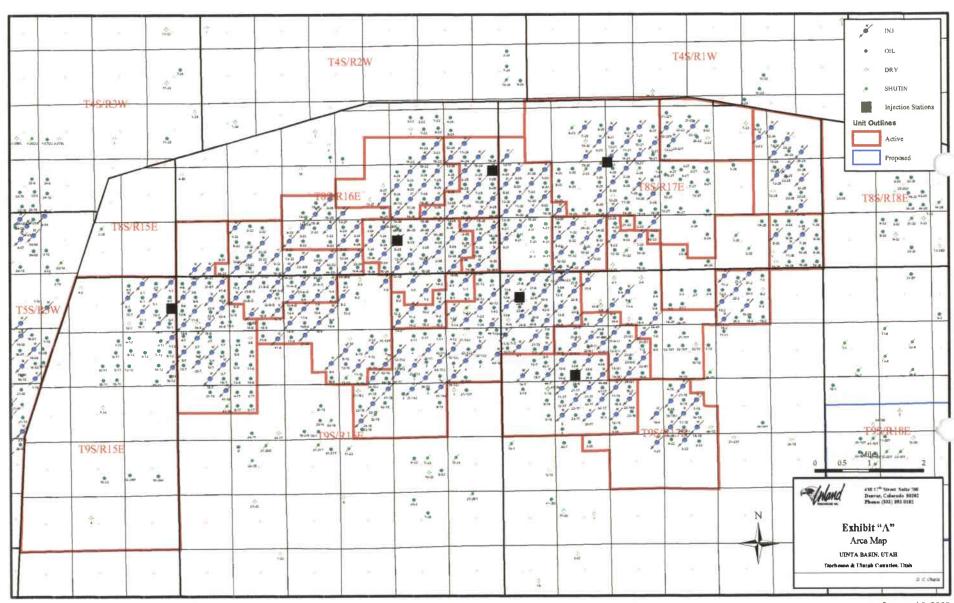


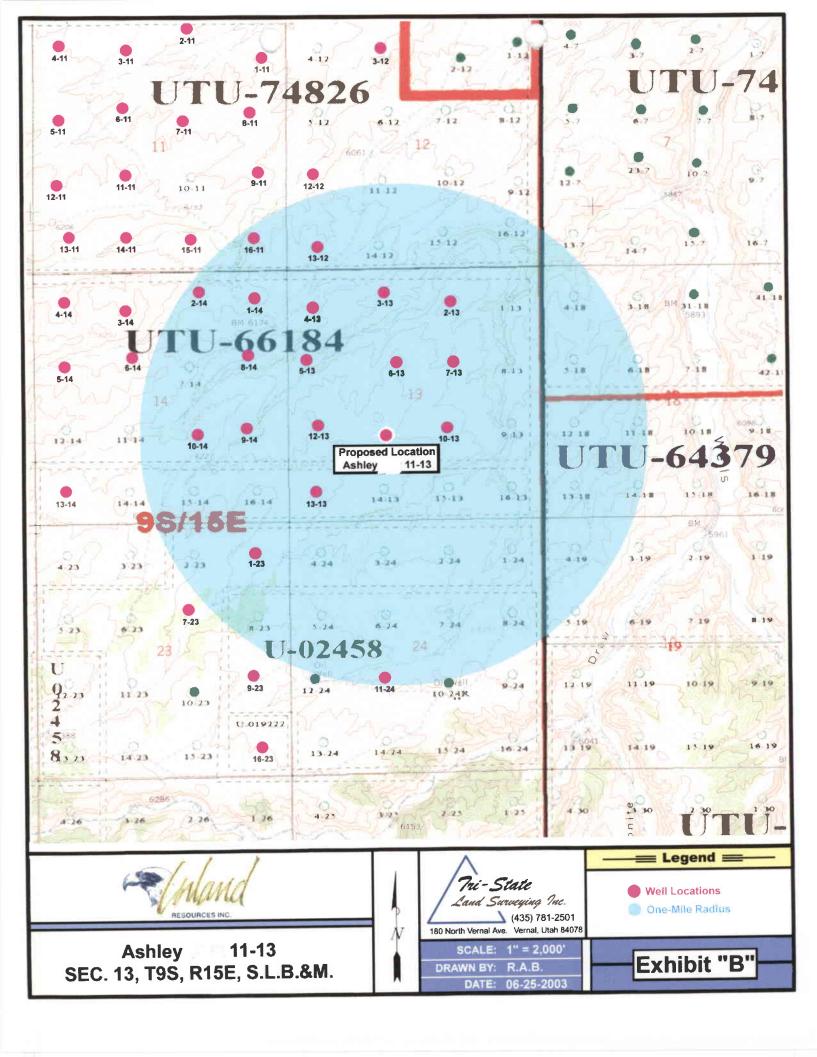
SURVEYED BY: K.G.S.	SCALE:	1" = 50'	$\wedge Tri$ $State$ (435) 781-2501
DRAWN BY: R.V.C.	DA l'E:	∂-18-03	/ Land Surveying, Inc.  38 WEST 100 NORTH VERNAL, UTAH 84078





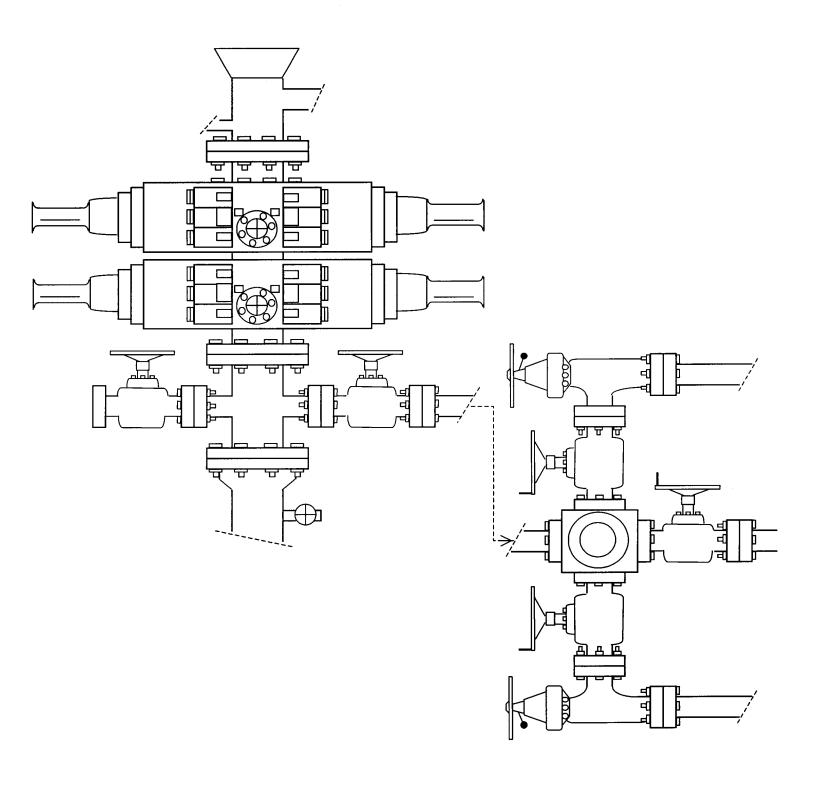






### 2-M SYSTEM

**Blowout Prevention Equipment Systems** 

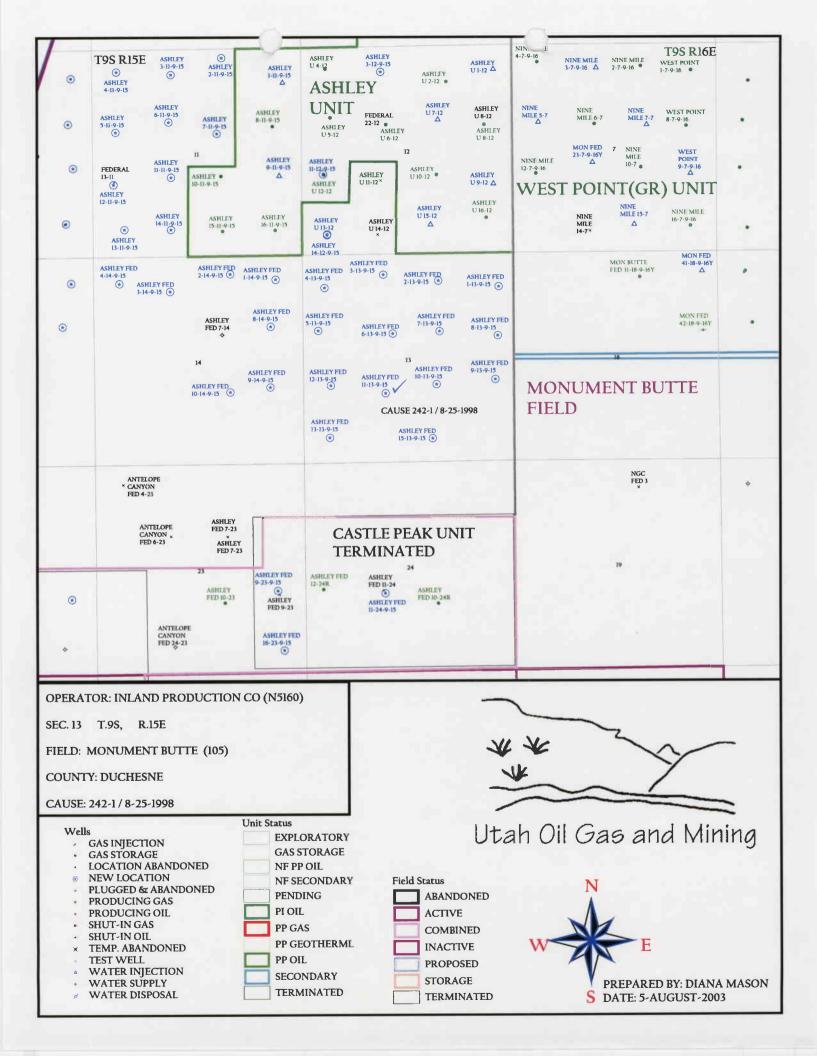


**EXHIBIT C** 

#### WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/05/2003	API NO. ASSIGNED: 43-013-32457
WELL NAME: ASHLEY FED 11-13-9-15  OPERATOR: INLAND PRODUCTION ( N5160 )  CONTACT: MANDIE CROZIER	PHONE NUMBER: 435-646-3721
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NESW 13 090S 150E SURFACE: 1790 FSL 2043 FWL	Tech Review Initials Date
BOTTOM: 1790 FSL 2043 FWL DUCHESNE	Engineering
MONUMENT BUTTE ( 105 )	Geology
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-66184	Surface
SURFACE OWNER: 1 - Federal	LATITUDE: 40.02855
PROPOSED FORMATION: GRRV	LONGITUDE: 110.18197
RECEIVED AND/OR REVIEWED:  Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. 4488944 )  Potash (Y/N)  N Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit (No. MUNICIPAL )  N RDCC Review (Y/N) (Date:)  N Fee Surf Agreement (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit ASHLEY  R649-3-2. General         Siting: 460 From Qtr/Qtr & 920' Between Wells  R649-3-3. Exception  Drilling Unit         Board Cause No: 242-1         Eff Date: 8-25-M98         Siting: Sucpends Senate Siting  R649-3-11. Directional Drill
SOP, Sirerate Sile  STIPULATIONS: 1- Endural Outprise	



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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Robert L. Morgan Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 (801) 538-5340 telephone (801) 359-3940 fax (801) 538-7223 TTY

www.nr.utah.gov

August 6, 2003

Inland Production Company Route 3, Box 3630 Myton, UT 84052

Re: Ashley Federal 11-13-9-15 Well, 1790' FSL, 2043' FWL, NE SW, Sec. 13, T. 9 South,

R. 15 East, Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32457.

Sincerely,

John R. Baza Associate Director

pab Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office



Location: NE SW	<b>Sec.</b> 13	T. 9 South	<b>R.</b> 15 East
Lease:	UTU-66184		
API Number:	43-013-	32457	
Well Name & Number	Ashley Federal 11-13-9-15		
Operator:	Inland Production Company		

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

FORM APPROVED NITED STATES FORM 3160-5 Budget Bureau No. 1004-0135 DEPAR LIENT OF THE INTERIOR (June 1990) Expires: March 31, 1993 BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No. 0.05SUNDRY NOTICES AND REPORTS ON WELLS UTU-66184 Do not use this form for proposals to drill or to deepen or reentry a different reservoir. 6. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT -" for such proposals NA 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE ASHLEY (GR RVR) 1. Type of Well 8. Well Name and No. Oil Gas ASHLEY FEDERAL 11-13-9-15  $\mathbf{X}$ Well Well Other 9. API Well No. 43-013-32457 2. Name of Operator 10. Field and Pool, or Exploratory Area INLAND PRODUCTION COMPANY MONUMENT BUTTE 3. Address and Telephone No. 11. County or Parish, State Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721 4. Location of Well (Footage, Sec., T., R., m., or Survey Description) DUCHESNE COUNTY, UT. NE/SW Section 13, T9S R15E 1790 FSL 2043 FWL CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Abandonment X Notice of Intent **New Construction** Recompletion Non-Routine Fracturing Plugging Back Subsequent Report Water Shut-Off Casing Repair Conversion to Injection Altering Casing Final Abandonment Notice Dispose Water **Permit Extension** (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* Inland Production Company requsts to extend the Permit to Drill this well for one year. The original approval date was 8/6/03 (expiration 8/6/04).

AUG 0 3 2004

DIV. OF OIL CAND

		<i>y</i>	العال بالانتخاصية إلى أن يقر المتع يمتحني <u>الإنتاة</u>	
14. I hereby certify that the forevained true and correct Signed	· Title	Regulatory Specialist	Date	8/1/04
Mandie Crozier	0			
CC: UTAH DOGM				
(This space for Federal or State office use)	227.4		Date	
Approved by	Title			
Conditions of approval, if any:				
CC: Utah DOGM				

Approved by the Utah Division of

Oil, Gas and Mining

# Application for Permit to Drill Request for Permit Extension

Validation
(this form should accompany the Sundry Notice requesting permit extension)

43-013-32457

API:

Well Name: Ashley Federal 11-13-9-15  Location: NE/SW Section 13, T9S R15E  Company Permit Issued to: Inland Production Company  Date Original Permit Issued: 8/6/2003
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No □ ( )
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□Nop
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No⊅
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No▼
Has the approved source of water for drilling changed? Yes□No⊠
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No⊠
Is bonding still in place, which covers this proposed well? Yes No□
Mantio Oscies Signature  8/1/2004  Date
Title: Regulatory Specialist
Representing: Inland Production Company

Form 3160-3 (September 2001)				FORM APPROV OMB No. 1004-0 Expires January 31.	1136
UNITED STATES  DEPARTMENT OF THE INT  BUREAU OF LAND MANAGI	TERIOR EMENT			5. Lease Serial No. UTU-6618	
APPLICATION FOR PERMIT TO DRI		ENTER		6. If Indian, Allottee or Tri	be Name
APPLICATION FOR TEXAMIT TO STA				N/A 7. If Unit or CA Agreement	Name and No.
la. Type of Work: DRILL REENTER				Ashley UTU735	520 <b>%</b>
	[X]L o:	gle Zone 🔲 Multip	le 7one	8. Lease Name and Well No Ashley Federal 11-13	
lb. Type of Well: 🖾 Oil Well 🚨 Gas Well 🚨 Other	Sin	gle Zone - Wantp	le Zone	9. API Well No.	24.57
Name of Operator     Inland Production Company				43.013.0	045/
2a Address		(include area code)		10. Field and Pool, or Explor	atory
Route #3 Box 3630, Myton UT 84052	(435)646	5-3721		Monument Butte	-1 Common on A ron
4. Location of Well (Report location clearly and in accordance with a	ıny State requi	rements.*)	-	11. Sec., T., R., M., or Blk. a	and Survey or Area
At surface NE/SW 1790' FSL 2043' FWL	-			NE/SW Sec. 13, T9S F	R15E
At proposed prod. zone				12. County or Parish	13. State
14. Distance in miles and direction from nearest town or post office*				Duchesne	UT
Approximately 17.2 miles southwest of Myton, Utah  15. Distance from proposed*	16. No. of A	cres in lease	17. Spacis	ng Unit dedicated to this well	
location to nearest	1.3	60.57		40 Acres	
(Also to nearest drig. unit line, if any)	19. Propose		20. BLM	BIA Bond No. on file	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1418'	6	500'		#4488944 UTC	056
21. Elevations (Show whether DF, KDB, RT, GL, etc.)		mate date work will sta	art*	23. Estimated duration  Approximately seven (7) days from s	oud to rig release.
6157' GR		h Quarter 2003		Apploantacy	
	24. Atta		to shoot to the	nie form:	
The following, completed in accordance with the requirements of Onsho	ore Oil and Gas	Order No.1, shall be a	паслец ю п	ns form.	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	Lands, the	Item 20 above).	cation. specific in	ons unless covered by an exis	
25. Signature Mancho Sorgan	Name Ma	e (Printed/Typed) ndie Crozier		Dat	/4/03
Title Regulatory Specialist				¹ Da	to
Applied by (Signarary)	Nam	e (Printed/Typed)		08	11/2004
Title	Offi				
Application approval does not warrant or certify the the applicant holds operations thereon.  Conditions of approval, if any, are attached.	DITIO		والمؤانس	WALALL	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make States any false, fictitious or fraudulent statements or representations as	it a crime for s to any matter	any person knowingly within its jurisdiction.	and willfull	ly to make to any department of	or agency of the office

\*(Instructions on reverse)

NOTICE OF APPROVALEIVED
AUG 2 3 2004



COAs Page 1 of 2

Well No.: Ashley Federal 11-13-9-15

# CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator:Inl	and Production Company.
Well Name & Number: As	hley Federal 11-13-9-15
API Number: 43-	013-32457
Lease Number: U-	
<del>,</del>	13 T9S R15E
	· · · · · · · · · · · · · · · · · · ·
Agreement: As	niey Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman

(435) 828-7874

Petroleum Engineer

Kirk Fleetwood

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

Well No.: Ashley Federal 11-13-9-15

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

No construction or drilling shall occur during the sage grouse nesting season (March 1 to June 30).

To reduce noise levels in the area, a hospital muffler or multi-cylinder engine shall be installed on the pumping unit.

# DIVISION OF OIL, GAS AND MINING

#### **SPUDDING INFORMATION**

Name of Company.	INLAND PRODU	CHON CON	IPANI	
Well Name:	ASHLEY FED 11	-13-9-15		
Api No: 43-013-324	Lease Ty	pe:	FEDERAL	
Section 13 Township	p_ <b>09S</b> Range15E	County_	DUCHESNE	
Drilling Contractor	ROSS DRILLING	RI	G# <u>21</u>	
SPUDDED:				
Date	01/21/2005			
Time	9:00 AM			
How	DRY			
Drilling will commen	ce:			
Reported by	JUSTIN CRUMB			
Telephone #	1-435-823-6733			
Date 01/21/2005	Signed	CHD		

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JAN 2 6 2005 STATE OF UTAH

INLAND

N5160

DIVISION OF OIL, GAS AND MINING ENTITY ACTION FORM -FORM 6

OPERATOR: NEWPIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3630 MYTON, UT 84052

OPERATOR ACCT. NO.

N2695

	ACTION	CURRENT	NEW.	API NUMBER									
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- B - Add new wall be existing onto (stock on the country of the c													
(C) E- Other (exclaim) critic persons and analysis agent age									Kebbie S. Jones				
ON TE: Use COLAMBENT section to explain why such Action Code was selected.  Title  Date										January 26, 2005			
26	OFF. USE	COMMENT RECTO	no explain way each A	Cilian Code was astronom.					11	RI O		Date	
01/													

FORM 3160-5 (September 2001)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

Do not use 1	this form for proposals	ORTS ON WELLS		UTU66184		
	פומפטקטוק וטו ווווטו פוונו	SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an				
abandoned well. Use Form 3160-3 (APD) fo		APD) for such proposals	<b>5.</b>	6. If Indian, Allot	tee or Tribe Name.	
SUBMIT IN T	RIPLICATE - Other I	nstructions on reverse si	de	7. If Unit or CA/A	Agreement, Name and/or No.	
				ASHLEY UNIT		
Type of Well  Oil Well Gas Well	Other			8. Well Name and	i No	
Name of Operator	Other				ERAL 11-13-9-15	
Newfield Production Company		<del></del>		9. API Well No.		
Address Route 3 Box 3630		3b. Phone No. (include are 435.646.3721	e code)	4301332457	l, or Exploratory Area	
Myton, UT 84052 Location of Well (Footage, Se	c., T., R., M., or Survey Descri			Monument Butt		
1790 FSL 2043 FWL				11. County or Parish, State		
NE/SW Section 13 T9S R	15E			Duchesne,UT		
12. CHEC	K APPROPRIATE BOX	(ES) TO INIDICATE NA	ATURE OF N	OTICE, OR OT	THER DATA	
TYPE OF SUBMISSION		TYP	E OF ACTION	I		
<b>-</b>	Acidize	Deepen Deepen	☐ Production	on(Start/Resume)	☐ Water Shut-Off	
Notice of Intent	Alter Casing	Fracture Treat	Reclama		Well Integrity	
X Subsequent Report	Casing Repair	New Construction	Recompl		Other	
Final Abandonment Notice	Change Plans Convert to Injector	Plug & Abandon Plug Back	Water D	rily Abandon	Spud Notice	
Set @ 309.09. On 01/25/0	5 cement with 160 sks o	of class "G" w/ 3% CaCL2	le with air mis + 1/4# sk Ce	st. TIH W/ 7 Jt's ello- Flake Mixed	8 5/8" J-55 24 # csgn. d @ 15.8 ppg > 1.17	
On 01-20-05 MIRU Ross Set @ 309.09. On 01/25/0	5 cement with 160 sks o	of class "G" w/ 3% CaCL2	le with air mis + 1/4# sk Cε	st. TIH W/ 7 Jt's ello- Flake Mixed	8 5/8" J-55 24 # csgn. d @ 15.8 ppg > 1.17	
On 01-20-05 MIRU Ross Set @ 309.09. On 01/25/0	5 cement with 160 sks o	of class "G" w/ 3% CaCL2	le with air mis + 1/4# sk Cε	st. TIH W/ 7 Jt's ello- Flake Mixed	d @ 15.8 ppg > 1.17	
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On 01-20-05 MIRU Ross Set @ 309.09. On 01/25/0 cf/ sk yeild. Returned 5 b hereby certify that the foregoing fame (Printed/Typed) Justin Crum ignature	is true and correct  THIS SPACE	Title Drilling Forema Date 1/25/2005  FOR FEDERAL OR S	+ 1/4# sk Ce	ello- Flake Mixed	RECEIVE JAN 2 8 2005 DIV. OF OIL, GAS & MIN	
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FORM 3160-5 (September 2001)

#### UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

01

SUNDRY NOTICES AND REPORTS ON Do not use this form for proposals to drill or to abandoned well. Use Form 3160-3 (APD) for su  SUBMIT IN TRIPLICATE - Other Instructions	WELLS		- 1				
abandoned well. Use Form 3160-3 (APD) for su			L	UTU66184			
SUBMIT IN TRIPLICATE - Other Instructions	ich proposals.			. If Indian, A	llottee or	r Tribe Name.	
	on reverse side		7	. If Unit or C	A/Agree	ement, Name and/or N	No.
Type of Well				ASHLEY U	TIN		
Oil Well Gas Well Other				. Well Name			
Name of Operator				ASHLEY FI	EDERAI	L 11-13-9-15	
ewfield Production Company				. API Well N			
100000000000000000000000000000000000000	No. (include are code,	2)		4301332457		T 1	
Myton, UT 84052 [435.646.3	3721			0. Field and I Monument I		Exploratory Area	
ocation of Well (Footage, Sec., T., R., M., or Survey Description) 1790 FSL 2043 FWL				1. County or		State	
NE/SW Section 13 T9S R15E				Duchesne, UT			
12. CHECK APPROPRIATE BOX(ES) TO IN	IIDICATE NATUI	RE	OF NO	TICE, OR	OTHE	R DATA	
TYPE OF SUBMISSION	TYPE OF	- A	CTION	<u> </u>			
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Notice of Intent Alter Casing Fract	ture Treat	R	Reclamatio	n		Well Integrity	
Subsequent Report Casing Repair New	Construction	R	Recomplete	;	X	- · · · · · · · · · · · · · · · · · · ·	
Change Plans Plug	; & Abandon	T	[emporaril	y Abandon		Weekly Status Rep	port
Final Abandonment Notice Convert to Injector Plug	Back 🔲	V	Water Disp	osal			
On 2-1-05 MIRU NDSI Rig # 1. Set all equipment. Pressure tescsgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office cement & shoe. Drill a 7.875 hole with fresh water to a depth or Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, sho	was notifed of test of 6,050'. Lay down oe it. float collar, 14	t. P ı dr 43	PU BHA a fill string it's of 5.5	and tag cer & BHA. Op 5 J-55, 15.5	nent @ en hole 5# csgn	) 260'. Drill out e log w/ n. Set @ 6030.98'	, .al
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FEB 0 9 2005 DIV OF CIL, GAD & MINING

FORM 3160-5

# UNITED STATES

FORM APPROVED

(September 2001)	DEPARTMENT OF THE INTERI	Expires January 31,2004			
	BUREAU OF LAND MANAGEME	NT		5. Lease Serial N	0.
Do not use:	Y NOTICES AND REPORTS C this form for proposals to drill o	N WELLS		UTU66184	
1 1 abandoned w	rell. Use Form 3160-3 (APD) for	such proposals.		6. If Indian, Allot	tee or Tribe Name.
CHIDARES	RIPLICATE - Other Instructio			7 1511 : 61/1	
	An Liver E - Outer fundation	HSCOLUEVE ISC SILV			Agreement, Name and/or No.
1. Type of Well				ASHLEY UNIT	
X Oil Well Gas Well	Other			8. Well Name and	l No.
Name of Operator     Newfield Production Company					ERAL 11-13-9-15
3a. Address Route 3 Box 3630	3b. Pho	one No. (include are c	ode)	9. API Well No. 4301332457	
Myton, UT 84052	<del></del>	16.3721			l, or Exploratory Area
	c., T., R., M., or Survey Description)			Monument Butt	
1790 FSL 2043 FWL	Let.			11. County or Par	ish, State
NE/SW Section 13 T9S R	ISE			Duchesne,UT	
12. CHECI	X APPROPRIATE BOX(ES) TO	INIDICATE NAT	URE OF N	OTICE, OR OT	HER DATA
TYPE OF SUBMISSION		TYPE	OF ACTION		
	Acidize D D	eepen		n(Start/Resume)	Water Chut Off
Notice of Intent		racture Treat	Reclamat	•	☐ Water Shut-Off ☐ Well Integrity
▼ Subsequent Report		ew Construction	Recomple		Men integrity  Other
	Change Plans	ug & Abandon	Temporar	rily Abandon	Weekly Status Report
Final Abandonment Notice	Convert to Injector	ug Back	Water Di	sposal	
the well. A cement bond low/ 20/40 mesh sand. Perf #2 (5572-5583'), (4 JSPF) (4705-4722') (4672-4676') back through chokes. A se PBTD @ 5987'. Zones we	od 02/16/05-03/01/05 on procedures initiated in the Gree og was run and a total of five Gree intervals were #1 (5928-5933'), (5 #3 (5068-5078') (5053-5060') (All 4 JSPF). Composite flow-through the composite flow-through the swab tested for sand cleanup. 10'. A new 1 1/2" bore rod pump w	n River intervals v i856-5860') (5844- I 4 JSPF); #4 (492 bugh frac plugs we i25/05. Bridge plu A BHA & producti	vere perfora -5848') (578 -6-4930') (48 ere used bet gs were drill on tbg string	ted and hydrauli 1-5784') (5746- 81-4892') (All 4 ween stages. F ed out. Well wa g were run in an Well was place	ically fracture treated 5750') (All 4JSPF); JSPF); #5 racs were flowed as cleaned out to d anchored in well. ed on production via
				R	RECEIVED  AR 0 4 2005  L. GAS.
I hereby certify that the foregoing in Name (Printed/Typed)	s true and correct	Title		M	1D O VED
Tara Kinney		Production Clerk		77/	17 (1 4 200c
Signature	ineu	Date 3/3/2005		UIV. OF O	// o.
- WW M	<u> </u>			<u> </u>	<u> </u>
	ATHIS SPACE FOR PE	PERSEURZIA		STESSE	1946 <b>9</b>
Approved by		Title		Date	Δ
	ned. Approval of this notice does not warrant or			1 Date	Y
certify that the applicant holds legal or e	quitable title to those rights in the subject lease	Office			

which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction



### Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company Filing Number: 41530400

**Articles of Amendment** 

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.





Secretary of State

# ARTICLES OF AMENDMENT TO THE ARTICLES OF INCORPORATION OF INLAND PRODUCTION COMPANY

In the Office of the Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

#### ARTICLE 1 - Name

The name of the corporation is Inland Production Company.

#### ARTICLE 2 - Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE - The name of the corporation is Newfield Production Company."

ARTICLE 3 - Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs, Treasurer



## **United States Department of the Interior**



# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-924)

September 16, 2004

Memorandum

To:

Vernal Field Office

From:

Acting Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Milas Llouters

Michael Coulthard Acting Chief, Branch of Fluid Minerals

#### Enclosure

1. State of Texas Certificate of Registration

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225 State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson Joe Incardine Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553·	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013 <sup>-</sup>	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833 <sup>,</sup>	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		•
096547	50376	72104	75089		
096550	50385	72105	75090		
ė.	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

#### Division of Oil, Gas and Mining

# OPERATOR CHANGE WORKSHEET 0 1 2

Change of Operator (Well Sold)

The operator of the well(s) listed below has changed, effective:

1. GLH 2. CDW 3. FILE

Designation of Agent/Operator

9/1/2004

#### X Operator Name Change

#### Merger

FROM: (Old Operator):				TO: ( New Op	erator):				
N5160-Inland Production Company				N2695-Newfiel		n Company	у		
Route 3 Box 3630					Box 3630				
Myton, UT 84052				Myton,	UT 84052				İ
Phone: 1-(435) 646-3721				Phone: 1-(435)	646-3721				┛
	No.			Unit:		AS	SHLEY		
WELL(S)									╛
NAME	SEC	TWN	RNG	API NO	ENTITY		WELL	WELL	
						TYPE	TYPE	STATUS	<del></del>
ASHLEY FED 12-13-9-15				4301332456		Federal	ow	DRL	K
ASHLEY FED 11-13-9-15				4301332457		Federal	ow	DRL	K
ASHLEY FED 10-13-9-15	13			4301332458	14534	Federal	ow	DRL	K
ASHLEY FED 9-13-9-15	13			4301332459		Federal	ow	APD	K
ASHLEY FED 8-13-9-15	13	090S	150E	4301332460		Federal	OW	APD	K
ASHLEY FED 7-13-9-15	13	090S	150E	4301332461	14572	Federal	OW	DRL	K
ASHLEY FED 2-13-9-15	13	090S	150E	4301332462		Federal	OW	DRL	K
ASHLEY FED 1-13-9-15	13	090S	150E	4301332463		Federal	OW	APD	K
ASHLEY FED 6-13-9-15	13	090S	150E	4301332464	14555	Federal	ow	DRL	K
ASHLEY FED 5-14-9-15	14	090S	150E	4301332465	12419	Federal	OW	P	K
ASHLEY FED 6-14-9-15	14	090S	150E	4301332466	12419	Federal	OW	P	K
ASHLEY FED 11-14-9-15	14	090S	150E	4301332467	12419	Federal	OW	P	K
ASHLEY FED 13-14-9-15	14	090S	150E	4301332468	12419	Federal	OW	DRL	K
ASHLEY FED 15-14-9-15	14	090S	150E	4301332469	12419	Federal	OW	P	K
ASHLEY FED 12-14-9-15	14	090S	150E	4301332476	12419	Federal	OW	P	K
ASHLEY FED 9-15-9-15	15	090S	150E	4301332470	12419	Federal	OW	P	K
ASHLEY FED 10-15-9-15	15	090S	150E	4301332471	12419	Federal	OW	P	K
ASHLEY FED 11-15-9-15	15	090S	150E	4301332472	12419	Federal	OW	P	K
ASHLEY FED 15-15-9-15	15	090S	150E	4301332473	12419	Federal	OW	P	K
ASHLEY FED 1-22-9-15	22	090S	150E	4301332477	12419	Federal	OW	DRL	K
									_

#### **OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on:
2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on:
9/15/2004

3. The new company was checked on the Department of Commerce, Division of Corporations Database on:

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If NO, the operator was contacted contacted on:

2/23/2005

6a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE		
6b. Inspections of LA PA state/fee well sites complete on:	waived		
			£
7. Federal and Indian Lease Wells: The BLM and or t		-	
or operator change for all wells listed on Federal or Indian lea	ses on:	BLM	BIA
O Todayaland Indian Haites			
8. Federal and Indian Units:  The BLM or BIA has approved the successor of unit operators.	or for wells listed on:	n/a	
The BEN of BIA has approved the successor of diffe operate	n for wells fisied on.		<del></del>
9. Federal and Indian Communization Agreement	s ("CA"):		
The BLM or BIA has approved the operator for all wells list		na/_	
10. Chacigioana injection control ( c1c )			ransfer of Authority to
Inject, for the enhanced/secondary recovery unit/project for the	he water disposal wel	l(s) listed on:	2/23/2005
DATA ENTRY:			
1. Changes entered in the Oil and Gas Database on:	2/28/2005		
2. Changes have been entered on the Monthly Operator Chang	ge Spread Sheet on:	2/28/20	05
2 Don't information automatic DDDMS on	2/28/2005		
3. Bond information entered in RBDMS on:	2/28/2003		
4. Fee/State wells attached to bond in RBDMS on:	2/28/2005		
5. Injection Projects to new operator in RBDMS on:	2/28/2005		
6. Receipt of Acceptance of Drilling Procedures for APD/New of	m·	waived	
o. Receipt of Acceptance of Dinning Proceedings for the British	****		
FEDERAL WELL(S) BOND VERIFICATION:			
1. Federal well(s) covered by Bond Number:	UT 0056		
INDIAN WELL(S) BOND VERIFICATION:	CAD CODDIANA		
1. Indian well(s) covered by Bond Number:	61BSBDH2912		
FEE & STATE WELL(S) BOND VERIFICATION	•		
1. (R649-3-1) The NEW operator of any fee well(s) listed cover		61BSBDH	[2919
1. (1047)-5-1) The 112 W operator of any fee won(s) have a const	<b></b>		
2. The FORMER operator has requested a release of liability fro	m their bond on:	n/a*	
The Division sent response by letter on:	n/a		
LEASE INTEREST OWNER NOTIFICATION:			
3. (R649-2-10) The <b>FORMER</b> operator of the fee wells has been			n the Division
of their responsibility to notify all interest owners of this change	ge on:	<u>n/a</u>	
COMMENTS:		<u> </u>	
*Bond rider changed operator name from Inland Production Com	pany to Newfield Pro	duction Company	received 2/23/05

(See other in-structions ons reverse side)

SUBMIT IN DUPERCATE\* FORM APPROVED OMB NO. 1004-0137

013

Krisha Russell

UNITED STATES DEDARTMENT OF THE INTERIOR Expires: February 23, 1995

013					THE INTE		1646196 316	5. LEASE DESIGNATIO	
					MANAGEN			6, IF INDIAN, ALLOT	U66184
WELL	COMF	PLETION	OR R	ECOM	PLETION	REPORT A	ND LOG*		NA
la. TYPE OF WORK		on.	<del>.</del>	GAS		$\Box$		7. UNIT AGREEMENT	
THE PROPERTY OF THE PARTY OF TH		WELL	X	WELL	DRY	Other		As	hley Unit
1b. TYPE OF WELL								8. FARM OR LEASE N	AME, WELL NO.
NEW X	WORK OVER	DEEPEN		PLUG BACK	DIFF RESVR.	Other		Ashley Fe	deral 11-13-9-15
WELL 7	OVER			DACK	RESTR.	Odici		9. WELL NO.	
		Ne	wfield [	Explorati	ion Compar	ıy		43-0 10. FIELD AND POOL	013-32457
3. ADDRESS AND TELEPH	HONE NO.	1401 17th	St. Su	ite 1000	Denver, C	O 80202			ment Butte
4. LOCATION OF WEL	L (Report	locations clearly a	nd in accor	dance with a	ny State requirem	ents.*)	<u> </u>	11. SEC., T., R., M., OR OR AREA	BLOCK AND SURVEY
At Surface At top prod. Interval repo	amad balan		SL & 204	3' FJEL (N	ESVV) Sec. 13	3, Twp 9S, Rng 15	E	i	3, T9S, R15E
At top prod. Interval repo	orted below	<b>Y</b>							
At total depth				14. API NO.	040 00457	DATE ISSUED	8/19/04	12. COUNTY OR PARIS	1
15. DATE SPUDDED	16 DATE	r.d. reached	17 DA	<del> </del>	-013-32457 (Ready to prod.)		8/19/04 (DF, RKB, RT, GR, ET	C.)*	19. ELEV. CASINGHEAD
1/20/05		2/6/05		3/	1/05	6157	7' GL	6169' KB	
20. TOTAL DEPTH, MD &	TVD	21. PLUG BAC	CK T.D., ME	& TVD	22. IF MULTI HOW MA	IPLE COMPL., .NY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6050'			5987'				>	X	
24. PRODUCING INTERV	AL(S), OF T	HIS COMPLETION-							25. WAS DIRECTIONAL SURVEY MADE
				Green F	River 467	2'-5933'			No
26. TYPE ELECTRIC AND	OTHER LO	GS RUN			_		· · · ·		27. WAS WELL CORED
	Guard,	SP, Compe	nsated	Density	, Compens	ated Neutron, ( eport all strings set in	GR, Caliper, (	Cement Bond Log	No
23. CASING SIZE/G	RADE	WEIGHT,	LB./FT.		TH SET (MD)	HOLE SIZE		IENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J	-55	24			308'	12-1/4"		vith 160 sx Class "G" cm	
5-1/2" - J	-55	15.	5#	<u> </u>	6031'	7-7/8"	300 sx Premii	te II and 400 sx 50/50 Po	02
29.		LIN	ER RECO	RD			30.	TUBING RECORD	
SIZE	1	TOP (MD)	вотт	OM (MD)	SACKS CEMEN	T* SCREEN (MD)	2-7/8"	DEPTH SET (MD)	PACKER SET (MD)
	_			<u> </u>			2-110	5900'	5796'
31. PERFORATION REC	ORD (Inter	val, size and number	r)	<del></del>	<u> </u>	32.		FRACTURE, CEMENT SQU	JEEZE, ETC.
	ERVAL	O E701 E704		<u>IZE</u> 11"	<u>SPF/NUMB</u> 4/80		-5933'	AMOUNT AND KIND Frac w/ 39,925# 20/40	
(BSSD,CP5,4&3) 5		0',5928,-5933'		+ 1	4/00	3740	-0000	1140 117 00,020 207 10	
00-4-00-0,0		1) 5572'-5583'	.4	<b>41</b> "	4/44	5572'	'-5583'	Frac w/ 20,108# 20/40	
(A1) 5	053'-506	0',5068'-5078'	.4	11"	4/68		'-5078'	Frac w/ 75,275# 20/40	
(/		2', 4926'-4930'		41"	4/60		'-4930'	Frac w/ 34,521# 20/40	
(D1&2) 46	372'-467	6', 4705'-4722'		<b>41</b> "	4/84	4672	'-4722'	Frac w/ 81,299# 20/40	sand in 587 ddis fiuld
			<del> </del>			_			
			<del>                                     </del>						
33.*						DUCTION		*****	L STATUS (Producing or shut-in)
DATE FIRST PRODUCTION 3/1/05		PRODUCTIO	ON METHO:	D (Flowing, ga 2-1/2" ¥	as lift, pumping-size 1-1/2" x 15.	and type of pump) 5' RHAC SM P	lunger Pump		PRODUCING
DATE OF TEST	,	HOURS TESTED		E SIZE	PROD'N. FOR	OILBBLS.	GASMCF.	WATERBBL.	GAS-OIL RATIO
10 day av	e				TEST PERIOD	85	254	18	2988
FLOW. TUBING PRESS.		CASING PRESSUR		ULATED	OIL-BBL.	GASMCF.			AVITY-API (CORR.)
			24-HC	UR RATE		ı			
34. DISPOSITION OF GAS	S (Sold, used	for fuel, vented, etc.	<u> </u>				A	PR 0 GESTWIND ESSED BY	,
The solution of day	\ <b>, 250</b>	.,,	Solo	& Used	for Fuel		DIV AF	()11 240 0 1 1 1 1 1 1	
35. LIST OF ATTACHME	ENTS						DIV. OF	OIL, GAS & MINING	
36. I hereby certify that	the forego	ing and attached in	formation	is complete	and correct as dete	ermined from all availab	ble records		
	d l		1111	.5 complete	TITL	ЕР	roduction Cle	erk p	ATE 4/5/2005
T/ minh a	Russell	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7							KI

FORMATION		воттом	DESCRIPTION, CONTENTS, ETC.		ТО	Г
				NAME		TRUE
					MEAS. DEPTH	VERT. DEPT
			Well Name	Garden Gulch Mkr	3622'	
		<u> </u>	Ashley Federal 11-13-9-15	Garden Gulch 1	3854'	
		1		Garden Gulch 2	3962'	
		1		Point 3 Mkr	4216'	
				X Mkr	4474'	
				Y-Mkr	4512'	
				Douglas Creek Mkr BiCarbonate Mkr	4620' 4854'	ļ
				B Limestone Mkr	4054* 4971'	
				Castle Peak	5522'	
				Basal Carbonate	5952'	
				Total Depth (LOGGERS		
				1.000.200(20002)		
	1			]		
•				1		
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FORM 3160-5 (September 2001)

#### UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135

,	DEPARTMENT OF THE			Exp	ires January 31,2004
111	BUREAU OF LAND MAN	AGEMENT		<ol><li>Lease Serial No</li></ol>	).
JI4 SUND	RY NOTICES AND REP	ORTS ON WELLS		UTU66184	
Do not us	e this form for proposals t	o drill or to re-enter an		6. If Indian, Allott	ee or Tribe Name.
abandoned	well. Use Form 3160-3 (A	ואט) for such proposals	•		
CUDMIT IN	TRIBLICATE Other In		la.	<del></del>	
SUBMITTIN	TRIPLICATE - Other In	structions on reverse sid	1e	7. If Unit or CA/A	greement, Name and/or No.
				ASHLEY UNIT	
Type of Well	_				
Oil Well Gas Well	Other	***		8. Well Name and	No.
Name of Operator				ASHLEY FEDE	RAL 11-13-9-15
Newfield Production Compan	у			9. API Well No.	
Address Route 3 Box 363	0	3b. Phone No. (include are	code)	4301332457	
Myton, UT 840:	52	435.646.3721		10. Field and Pool	, or Exploratory Area
Location of Well (Footage,	Sec., T., R., M., or Survey Descrip	tion)		Monument Butte	:
1790 FSL 2043 FWL				11. County or Pari	sh, State
NE/SW Section 13 T9S	RISE				
. 12.5 11 5564611 12 125				Duchesne,UT	
12 CHE	CK APPROPRIATE BOX(	ES) TO INIDICATE NA	THRE	OF NOTICE OR OT	HER DATA
12. CIII	CK AFFROFRIATE BOX	E3) TO INIDICATE NA	TORE	or notice, or of	TILK DATA
TYPE OF SUBMISSION		TYPE	OF AC	ΓΙΟΝ	
	Acidize	Deepen	Dr.	duction(Start/Resume)	☐ Water Shut-Off
Notice of Intent	<u> </u>	= '	=		<b>=</b>
_	Alter Casing	Fracture Treat	=	clamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	_	complete	X Other
<b>3</b>	Change Plans	Plug & Abandon	Ter	nporarily Abandon	Variance
Final Abandonment Notic	e Convert to Injector	Plug Back	☐ Wa	ter Disposal	
surge of gas when the	variance for safety reasons thief hatches are open. Wh ard, under optimum condition	ile gauging tanks, lease o			
	Sec. 1				
WED: HANTIOC.	EATOR 1-08 10				RECEIVED
•					ADD 0 0 000
ereby certify that the foregoing	ng is true and correct	Title	·	*	AFK U 8 2005
me (Printed/Typed)	no no and contect				
landie Crozier	_	Regulatory Specia	ılist		DIV. OF OIL GAS & MINI
nature	1//	Date			and a willy
THEM	/ a (1100 1-	04/07/2005			
JOHN	THE COLUMN COLUMN		ATEO	TELCE LISE	
	THUS SPACE I	OR FEDERAL OR ST.	ALE UI	FRICE USE	
	ttached. Approval of this notice does no	Title ot warrant or ubject lease Office	Acce Utah	pted by the Dat Division of as and Mining	e ederal Approval O
ch would entitle the applicant to	conduct operations thereon.		Jil, Cis	15 and 11	Allan le Marses
e 18 U.S.C. Section 1001 and Ti	tle 43 U.S.C. Section 1212, make it a cr	ime for any person knowingly and v	villfully to	hake to any department or ago	ency of the United OH IS INCOCSS
tes any false, fictitious and fraud	ulent statements or representations as to	any matter within its jurisdiction	- 611	HIVA	
nstructions on reverse)		Date	1		1

(Instructions on reverse)



#### United States Department of the Interior

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



IN REPLY REFER TO 3180 UT-922

April 26, 2005

Newfield Exploration Company Attn: Laurie Deseau 1401 Seventeenth Street, Suite 1000 Denver, Colorado 80202

Re:

10<sup>th</sup> Revision of the Green River Formation PA "A"

**Ashley Unit** 

Duchesne County, Utah

#### Gentlemen:

The 10<sup>th</sup> Revision of the Green River Formation Participating Area "A", Ashley Unit, UTU73520A, is hereby approved effective as of January 1, 2005, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 10<sup>th</sup> Revision of the Green River Formation Participating Area "A", results in the addition of 800.00 acres to the participating area for a total of 4,386.72 acres and is based upon the completion of the following Unit Wells, as wells capable of producing unitized substances in paying quantities.

WELL NO.	APINO.	LOCATION	LEASE NO.
2-13	43-013-32462	NWNE, 13-9S-15E	UTU66184
6-13	43-013-32464	SENW, 13-9S-15E	UTU66184
7-13	43-013-32461	SWNE, 13-9S-15E	UTU66184
10-13	43-013-32458	NWSE, 13-9S-15E	UTU66184
11-13	43-013-32457	NESW, 13-9S-15E	UTU66184
12-13	43-013-32456	NWSW, 13-9S-15E	UTU66184
13-13	43-013-32455	SWSW, 13-9S-15E	UTU68548
13-14	43-013-32468	SWSW, 14-9S-15E	UTU68548

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APR 2 8 2005

WELL N	o. Apino.	LOCATION	LEASE NO.
1-22	43-013-32477	NENE, 324-9S-15E	UTU68548
7-22	43-013-32487	SWNE, 22-9S-15E	UTU68548
1-23	43-013-32478	NENE, 23-9S-15E	UTU66185
3-23	43-013-32479	NENW, 23-9S-15E	UTU68548
5-23	43-013-32480	SWNW, 23-9S-15E	UTU66185
7-23	43-013-32481	SWNE, 23-9S-15E	UTU66185

Copies of the approved requests are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 10<sup>th</sup> Revision of the Green River Formation Participating Area "A", Ashley Unit and its effective date.

Sincerely,

/s/ Robert Henricks

Robert Henricks Acting Chief, Branch of Fluid Minerals

#### **Enclosure**

bcc: Dockets w/ext b

Division of Oil, Gas & Mining

**SITLA** 

Ashley Unit w/enclosure

MMS - Data Management Division (Attn: James Sykes)

Field Manager - Vernal w/enclosure

Agr. Sec. Chron. Reading Chron. Central Files

UT922:TATHOMPSON:tt:4/26/05

4356463831

08:11

05/12/2005

STATE OF UTAH

DIVISION OF OIL

ENITITY ACTI

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3530
MYTON, UT 84052

DPERATOR ACCT NO.

N2695

DIVISION OF OIL, GAS AND LIMING ENTITY ACTION FORM -FORM 6

ACTION	CURRENT	· · · · · · · · · · · · · · · · · · ·									
DODE	ENTITY NO.	HEVY	API WUMBER	MEIT NYNE	<u> </u>			OCATION		SPUO	EFFECTIVE
-	Littin to.		<del></del>		<del>  "-</del>	SC_	TP	RG	COUNTY.	DATE	DAFE
С	14532	12419	43-013-32457	Ashley Federal 11-13-9-15	NE/SW	13	98	15E	Duchesne		1/1/2005
WÆLL 1 2	DIMMENTS:	RRV									5/10/00
1	G.	LEV									5/12/05
ACTION	CURRENT	KSW.	A <sup>®</sup> I HUMABER	WELL HAME		V	ELL LOCATI	OK		SPUD	EFFECTINE
CODE	ENTITY NO	ENTITY NO.		· · · · · · · · · · · · · · · · · · ·	00	sc	ÎF	RE.	COUNTY	DAJE	DATE
_		\\						!			
LC	14534	12419	43-013-32458	Ashley Federal 10-13-9-15	NW/SE	13	98	15E	Duchesne		1/1/2005
WELL 2 C	DMIMENTS:	HERV									Eliplan
	٠	MURU									5/12/05
i											, .
ACTION	CURRENT	MEN	AP: RUMBER	WELL NAME	<u> </u>		WELLI	OCATION		SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.			OO	8C	TP	RG	COUNTY	DATE	Brec.ive
		1 1									
C	14555	12419	43-013-32464	Ashley Federal 6-13-9-15	SE/NW	13	98	15E	Duchesne		1/1/2005
WELL 3 C	CASLIENTS: C	001								· · · · · · · · · · · · · · · · · · ·	
	(·	RRV									5/12/05
											•
ACTION	CURRENT	HEV	API NUMBER	WELLNAME	<del></del>		WELL	OCATION		T	1
CDDE	ENTITY NO.	EKTITY HO.		A LEVEL AL MILE	93	sc	3P	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
		<b>V</b>									- Jack
l c l	14570	12419	43-013-32462	Ashley Federal 2-13-9-15	NWINE	13	98	15E	Duchesne		1/1/2005
WELL 4.C	OHIMEHTS:	100			14041142				Delotesite		
		GRRV									5/12/05
		O 7 = 1 = 1									0/12/05
ACTION		· · · · · ·									
ACTION	CURRENT ENTITY NO.	NEW ENTITIES	ar Number	MATT NAKE				DCATION		2PUD	EFFECTME
3000	Elitini No.	LAINT NO.	- <del></del>		QQ	-9C	TP	ING	COUNTY	DATE	DATE
c	14572	12419	43-013-32461	Ashley Forderel 7 49 0 4F		40	۱ 🚛				
			43-013-32-401	Ashley Federal 7-13-9-15	SWINE	13	98	15E	Duchesne	<u> </u>	1/1/2005
WELL 5 C	CANKENTS:	FRRV									=/10/01-
	Ć										5/12/05
										_	• •
		ons on back of fama)							1/4/1		4 0
		ior nee wel ishelis well ingentily (group of erai)							KININ	11 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ULU
		ome on, stans wagen to we in it entirely discords at all a						_			Kebbie S. Jones

NOTE: Use COMMENT section to explain why each Action Code was selected

D- Re-assign well from one existing critiy to a new entity

RECEIVED

MAY 1 2 2005



June 21, 2005

Mr. Dan Jarvis State of Utah Division of Oil, Gas and Mining Post Office Box 145801 Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well

Ashley Federal #11-13-9-15

Monument Butte Field, Ashley Unit, Lease #UTU-66184

Section 13 -Township 9S-Range 15E

Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #11-13-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley Unit.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

and Gerly David Gerbig **Operations Engineer** 

UIC. 324.1

# NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL ASHLEY FEDERAL #11-13-9-15

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

ASHLEY UNIT

**LEASE #UTU-66184** 

**JUNE 21, 2005** 

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WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

ATTACHMENT H-1

# STATE OF UTAH DIVISION OF OIL, GAS AND MINING

OPERATOR ADDRESS

#### APPLICATION FOR INJECTION WELL - UIC FORM 1

Newfield Production Company 1401 17th Street, Suite 1000

Denver, Colorado 80202

Well Name and nu	mber:	Ashley Fe	deral #11-1	3-9-15					
Field or Unit name:	Monument	Butte (Greer	n River), Ashley	Lease No	. UTU-6618	34			
Well Location: QQ	NE/SW	section	13	township _	98	_range	15E	county	Duchesne
Is this application f	or expansion o	f an existing	project?			Yes [X]	No [ ]		
Will the proposed v	vell be used fo	r:	Disposal?	Recovery?		Yes [ ]	No [ X ]		
ls this application f	or a new well to	be drilled?				Yes[]	No [ X ]		
If this application is has a casing test Date of test: API number:			ell? 			Yes[]	No [ X ]		
Proposed injection Proposed maximur Proposed injection mile of the well.	n injection:	from rate [x ] oil, [ ] g		to _ _pressure _ [ ] fresh wate	5952' 2013 r within 1	psig /2			
	IMPOR	TANT:		l information a ny this form.	s require	d by R615-	-5-2 should		
List of Attachments	»:	Attachmei	nts "A" thro	ugh "H-1"					
I certify that this re	port is true and	complete to	the best of	f my knowledo					
r certify that this rep	Joil is true and	complete to	The best of	i iliy kilowledg					
Title Op	vid Gerbig erations Engin	eer		_Signature _ _Date _					<u>-</u> -
Phone No. (30	03) 893-0102								
(State use only) Application approve Approval Date	ed by					Title			
Comments:									

#### ASHLEY FEDERAL 11-13-9-15

Spud Date: 01/20/05 Initial Production: 85BOPD. 254MCFD, 18BWPD Proposed Injection Put on Production: 03/01/2005 Wellbore Diagram GL: 6157 KB: 6169 FRAC JOB SURFACE CASING 02/23/05 57461-5933 Frac BSSD, CP5.CP4.CP3 sands as follows: 39,925#'s of 20/40sand in 389 bbls lightning CSG SIZE: 8 5/8" 17 frac fluid. Treated @ avg press of 1790, GRADE: J-55 w/avg rate of 24.7 bpm. ISIP 2025 psi. Calc WEIGHT: 24# flush: 5744 gal. Actual flush: 5783 gal. Cement Top @ 150° LENGTH: 7 jts. (298.09°) 02/23/05 55721-5583 Frac CP1 sands as follows: DEPTH LANDED: 308.09° KB 20,108#'s of 20/40 sand in 256 bbls lightning 17 frac fluid. Treated @ avg press of 2040. HOLE SIZE: 12 1/4" w/avg rate of 24.7 bpm. ISIP 2050 psi. Calc flush: 5570 gal. Actual flush: 5586 gal. CEMENT DATA: 160 sks Class G Mix. 5 bbls cement to surface. 02/23/05 5053'-5078' Frac A1 sands as follows: 75,275#'s of 20/40 sand in 567 bbls lightning 17 frac fluid. Treated @ avg press PRODUCTION CASING of 1890, w/avg rate of 24.9 bpm. ISIP 2200 CSG SIZE: 5 1/2" psi. Calc flush: 5051 gal. Actual flush: 5040 GRADE: J-55 WEIGHT: 15.5# 02/23/05 4881~-4930 Frac B2 and B.5 sands as follows: 34,521#'s pf 20/40 sand in 336 bbls lightning LENGTH: 143 jts. (6032.98') DEPTH LANDED: 6030.98' KB 17 frac fluid. Treated @ avg press of 1990, w/avg rate of 24.7 bpm. ISIP 2125 psi. Calc HOLE SIZE: 7 7/8" flush: 4879 gal. Actual flush: 4914 gal. CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. CEMENT TOP AT: 1503 02/24/05 4672`-4722' Frac D2 and D1 sands as follows: 81,299#'s of 20/40 sand in 587 bbls lightning 17 frac fluid. Treated @ avg press of 1990 w/avg rate of 24.7 bpm. ISIP2400 psi. Calc TUBING flush: 4670 gal. Actual flush: 4578 gal. SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5# NO. OF JOINTS: 174 jts (5784') TUBING ANCHOR: 5796' KB NO. OF JOINTS: 1 its (33.42') Packer @ 4637 SEATING NIPPLE: 2 7/8" (1.10') 4672'-4676' SN LANDED AT: 5832.22' KB NO. OF JOINTS: 2 jts (66.16') 4705`-4722` TOTAL STRING LENGTH: 5899.93' w/ 12' KB 4881\*-4892\* 4926'-4930' 50531-50601 50681-50781 5572`-5583` 5746'-5750' PERFORATION RECORD 59281-59331 20 holes 02/16/05 4 JSPF 5856"-5860" 4 JSPF 16 holes 02/16/05 02/16/05 58441-58481 4 JSPF 16 holes 58441-58481 57811-57841 02/16/05 4 JSPF 12 holes <del>-</del> 58561-58601 02/16/05 5746`-5750` 4 JSPF 16 holes 02/23/05 55721-55831 4 JSPF 44 holes 02/23/05 50681-50781 4 JSPF 40 holes 50531-50601 02/23/05 4 JSPF 28 holes 5928 - 5933 02/23/05 49261-4930 4 JSPF 16 holes 02/23/05 4881 - 4892 4 JSPF 44 holes 4705"-4"22" 4672"-46"6" 02/23/05 1 ISPE n8 holes NEWFIELD PBTD @ 5987 02/23/05 4 JSPF 16 holes SHOE @ 6031 Ashley Federal 11-13-9-15 1790' FSL & 2043' FEL TD @ 60501 NE/SW Section 13-T98-R15E Duchesne Co. Utah

API #43-013-32457; Lease #UTU-66184

#### WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

## REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
  - 2.1 The name and address of the operator of the project.

Newfield Production Company 1401 17<sup>th</sup> Street, Suite 1000 Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Ashley Federal #11-13-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Ashley Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. In the Ashley Federal #11-13-9-15 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3962' - 5952'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3962' and the Castle Peak top at 5522'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Ashley Federal #11-13-9-15 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a State lease (Lease #UTU-66184) in the Monument Butte (Green River) Field, Ashley Unit, and this request is for administrative approval.

# REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24#, J-55 surface casing run to 308' GL, and 5-1/2" 15.5# J-55 casing run from surface to 6031' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

#### The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1971 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Ashley Federal #11-13-9-15, for existing perforations (4672 - 5933 ) calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2013 psig. We may add additional perforations between 3962 and 6050 . See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Ashley Federal #11-13-9-15, the proposed injection zone (3962' - 5952') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-6.

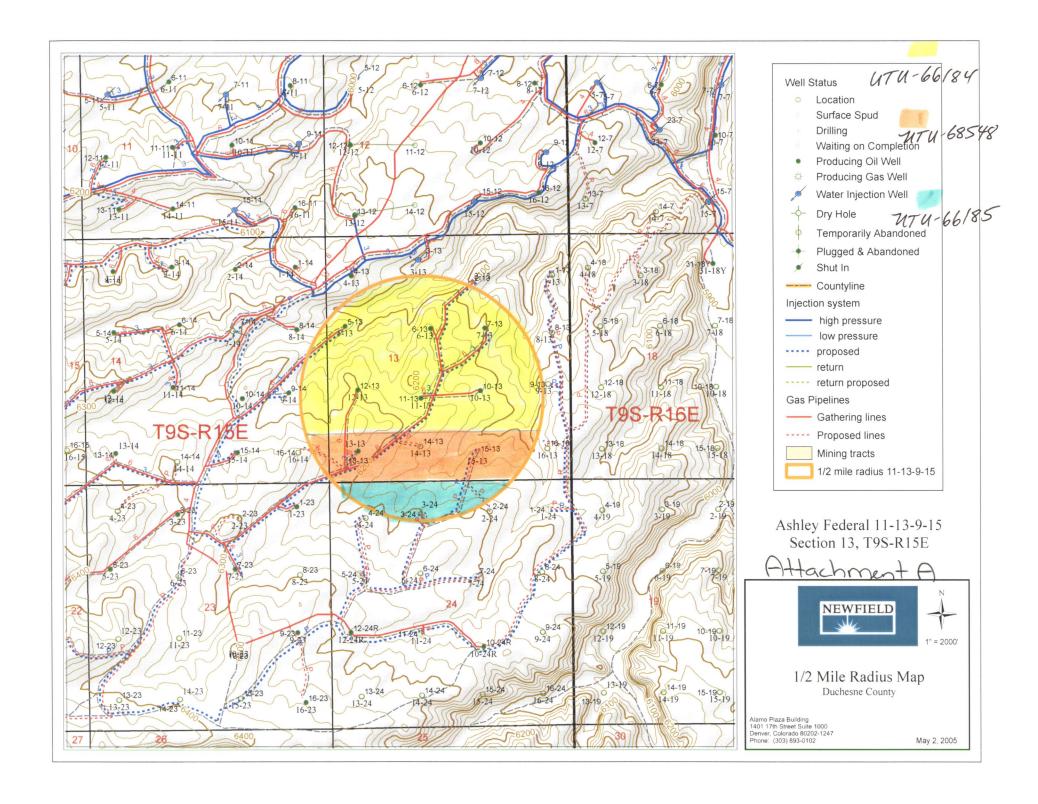
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

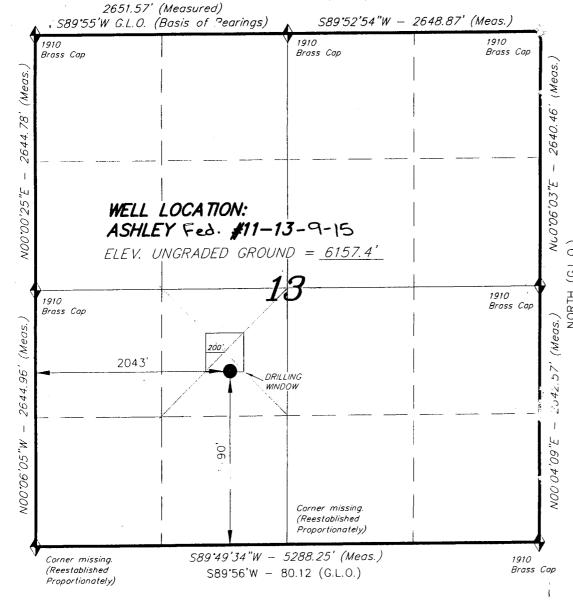
2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



### T9S, R15E, S.L.B.&M.

S89\*55'W - 80.16 (G.L.O.)





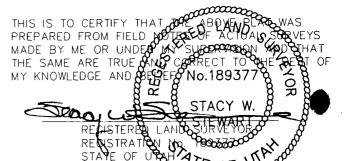
= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

#### INLAND PRODUCTION COMPANY

WELL LOCATION, ASHLEY Fed. #11-13-9-15 LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 13, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.





### TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078 (435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: K.G.S.
DATE: 6-10-03	DRAWN BY: R.V.C.
NOTES:	FILE #

#### EXHIBIT B Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 9 South Range 15 East Section 13: N/2, N/2S/2 Section 14: N/2, N/2S/2 Section 15: Lots 1-3, E/2	UTU-66184 HBP	Newfield Production Company	USA
2	Township 9 South, Range 15 East, SLM Section 13: S/2S/2 Section 14: S/2S/2 Section 15: Lot 4 Section 22: Lot 1, NE/4, E/2NW/4 Section 23: N/2NW/4	UTU-68548 HBP	Newfield Production Company	USA
3	Township 9 South, Range 15 East, SLM Section 22: Lots 2, 3, 4, E/2W/2 Section 23: NE/4NE/4, W/2E/2, S/2NW/4, E/2SW/4 Section 24: N/2N/2 Section 25: All Section 26: NE/4, NE/4NW/4, S/2NW/4, S/2 Section 27: Lots 1, 2, S/2NE/4, E/2NW/4, SE/4	UTU-66185 HBP	Newfield Production Company	USA

#### ATTACHMENT C

#### CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE:	Application for Approval of Class II Injection Well Ashley Federal #11-13-9-15
	certify that a copy of the injection application has been provided to all surface owners within a mile radius of the proposed injection well.
Signed:	Newfield Production Company David Gerbig Operations Engineer
Sworn t	o and subscribed before me this <u>39</u> day of <u>July</u> , 2005.
Notary I	Public in and for the State of Colorado: Laure Deseau.
My Con	nmission Expires: My Commission Expires 05/05/2009

#### ASHLEY FEDERAL 11-13-9-15

Spud Date: 01/20/05 Initial Production: 85BOPD, 254MCFD, 18BWPD Wellbore Diagram Put on Production: 03/01/2005 GI: 6157 KR: 6169 FRAC JOB SURFACE CASING 02/23/05 57461-5933 Frac BSSD, CP5,CP4,CP3 sands as follows: CSG SIZE: 8 5/8° 39,925#'s of 20/40sand in 389 bbls lightning 17 frac fluid. Treated @ avg press of 1790, GRADE: J-55 w/avg rate of 24.7 bpm. ISIP 2025 psi. Calc WEIGHT: 24# flush: 5744 gal. Actual flush: 5783 gal. Cement Top @ 150 LENGTH: 7 jts. (298.09`) 02/23/05 55721-55831 Frac CP1 sands as follows: DEPTH LANDED: 308.09° KB 20,108#'s of 20/40 sand in 256 bbls lightning HOLE SIZE: 12 1/4" 17 frac fluid. Treated @ avg press of 2040, w/avg rate of 24.7 bpm. ISIP 2050 psi. Calc flush: 5570 gal. Actual flush: 5586 gal. CEMENT DATA: 160 sks Class G Mix. 5 bbls cement to surface. 02/23/05 5053'-5078' Frac A1 sands as follows: 75,275#'s of 20/40 sand in 567 bbls lightning 17 frac fluid. Treated @ avg press of 1890, w/avg rate of 24.9 bpm. ISIP 2200 PRODUCTION CASING CSG SIZE: 5 1/2° psi. Calc flush: 5051 gal. Actual flush: 5040 GRADE: J-55 WEIGHT: 15.5# LENGTH: 143 its. (6032.98') 02/23/05 4881"-4930" Frac B2 and B.5 sands as follows: 34,521#'s pf 20/40 sand in 336 bbls lightning DEPTH LANDED: 6030 98' KB 17 frac fluid. Treated @ avg press of 1990, w/avg rate of 24.7 bpm. ISIP 2125 psi. Calc HOLE SIZE: 7 7/8" flush: 4879 gal. Actual flush: 4914 gal. CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix CEMENT TOP AT: 1503 02/24/05 4672'-4722' Frac D2 and D1 sands as follows: 81,299#'s of 20/40 sand in 587 bbls lightning 17 frac fluid. Treated @ avg press of 1990 w/avg rate of 24.7 bpm. ISIP2400 psi. Calc 4672`-4676` **TUBING** -4705'-4722' flush: 4670 gal. Actual flush: 4578 gal. SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5# NO. OF JOINTS: 174 jts (5784') 4881'-4892' TUBING ANCHOR: 5796' KB 4926'-4930' NO. OF JOINTS: 1 jts (33.42') SEATING NIPPLE: 2 7/8" (1.10') SN LANDED AT: 5832.22' KB 5053'-5060' NO. OF JOINTS: 2 jts (66.16') 5068'-5078' TOTAL STRING LENGTH: 5899.93' w/ 12' KB 5572'-5583' SUCKER RODS POLISHED ROD: 1 1/2" x 22" 5746'-5750' SUCKER RODS: 1-8', 1-6', 1-4', 2-2' X 3/4" pony rods, 99-3/4" scrapered rods, 116-3/4" plain rods, 10-3/4" scrapered rods, 6-1 1/2" weighted rods. - 5781`-5784` PUMP SIZE: 2 1/2" x 1 1/2"x 15.5' RHAC pump w/ SM Plunger STROKE LENGTH: 86" Anchor @ 5796' PUMP SPEED, SPM: 5 SPM LOGS: Open hole, CBL SN @ 5832 PERFORATION RECORD 58441-58481 59281-59331 02/16/05 20 holes 4 JSPF **-** 58561-58601 02/16/05 58561-58601 4 JSPF 16 holes 02/16/05 58441-58481 4 ISPF 16 holes 57811-57841 02/16/05 4 JSPF 12 holes 02/16/05 5746`-5750 4 JSPF 16 holes EOT @ 5900 02/23/05 55721-55831 4 JSPF 02/23/05 50681-50781 4 JSPF 40 holes 5053"-5060" 02/23/05 4 JSPF 28 holes 59281-59331 02/23/05 49261-49301 4 JSPF 16 holes 02/23/05 48811-4892 4 JSPF 44 holes 02/23/05 4705"-4722" 4 JSPF 68 holes NEWFIELD PBTD @ 5987 02/23/05 46721-46761 4 JSPF 16 holes SHOE @ 6031

TD @ 6050

**Ashley Federal 11-13-9-15** 1790' FSL & 2043' FEL

NE/SW Section 13-T9S-R15E Duchesne Co, Utah

API #43-013-32457; Lease #UTU-66184

#### Ashley Federal 5-13-9-15

Attachment E-1

Spud Date: 9/28/04 Initial Production: BOPD, Wellbore Diagram MCFD. BWPD Put on Production: 12/9/04 GL: 6123' KB: 6135' SURFACE CASING FRAC JOB 12/06/04 55541-55621 Frac CP1 sands as follows: 19,649# 20/40 sand in 395 bbls Lightning CSG S1ZE: 8-5/8" GRADE: J-55 Frac 17 fluid. Treated @ avg press of 1869 psi WEIGHT: 24# w/avg rate of 24.6 BPM. ISIP 2100 psi. Calc flush: 5552 gal. Actual flush: 5548 gal. LENGTH: 7 jts (291.06') 12/06/04 5134\*-5267\* Frac LODC and A3 sands as follows: DEPTH LANDED: 301.06' KB 129,062# 20/40 sand in 911 bbls Lightning HOLE SIZE.12-1/4" Frac 17 fluid. Treated @ avg press of 1549 psi w/avg rate of 24.6 BPM. ISIP 2100 psi. Calc CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf. Cement Top @140' flush: 5132 gal. Actual flush: 5548 gal. 12/06/04 4794\*-4804\* Frac C sands as follows: 34,479# 20/40 sand in 343 bbls Lightning Frac 17 fluid. Treated @ avg press of 1720 psi w/avg rate of 24.6 BPM. ISIP 2040 psi. Calc flush: 4792 gal. Actual flush: 4704 gal. PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 4794'-4804' WEIGHT: 15.5# LENGTH: 145 jts. (6080.65') DEPTH LANDED: 6058.65' KB 5134'-5141' HOLE SIZE: 7-7/8" CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TOP AT: 460 5172"-5188" TUBING SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 169 jts (5508.73') 5222'-5230' TUBING ANCHOR: 5520.73' KB NO. OF JOINTS: 1 jts (32.63') SEATING NIPPLE: 2-7/8" (1.10') 5259'-5267' PERFORATION RECORD SN LANDED AT: 5556.16' KB NO. OF JOINTS: 2 jts (65.23') 12/03/04 5554'-5562' 4 JSPF 32 holes TOTAL STRING LENGTH: EOT @ 5622.94' W/12 'KB 12/06/04 5259°-5267° 4 JSPF 32 holes 12/06/04 5222'-5230' 4 JSPF 32 holes 12/06/04 5172'-5188' 4 JSPF 64 holes Anchor @ 5521' 12/06/04 5134°-5141° 4 JSPF 28 holes 12/06/04 4794'-4804' 4 JSPF 40 holes SUCKER RODS 5554'-5562' POLISHED ROD: 1-1/2" x 22' SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scrapered rods; 106-3/4" plain rods, 100-3/4" scrapered rods. PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC pump w/ SM Plunger STROKE LENGTH: 84" SN @ 5556 PUMP SPEED, SPM: 5 SPM LOGS: DIGL/SP/GR/CAL EOT @ 5623 NEWFIELD PBTD @ 6020 Ashley Federal 5-13-9-15 TD/SHOE @ 6060 1916 FNL & 403 FWL SW/NW Sec. 13, T98 R15E

Duchesne, County API# 43-013-32394; Lease# UTU-66184

#### Ashley 6-13-9-15

Spud Date: 02/03/05 Initial Production: 22 BOPD, Put on Production. 03/21/05 Wellbore Diagram 129 MCFD, 10 BWPD GL: 6157 KB: 6169 SURFACE CASING FRAC JOB 03/14/05 59381-5958 Frac CP5 sands as follows: CSG SIZE: 8-5/8" 60,121# 20/40 sand in 495 bbls Lightning GRADE: J-55 17 frac fluid. Treated @ avg press of 2021 psi WEIGHT: 24# w/avg rate of 25.1 BPM. ISIP 2500 psi. Calc flush: 5955 gal. Actual flush: 5964 gal. LENGTH: 7 jts. (295.17°) Frac CP3sands as follows: 3/14/05 5806~-5814~ DEPTH LANDED: 315° KB 29,892# 20/40 sand in 326 bbls Lightning 17 frac fluid. Treated @ avg press of 1992 psi HOLE SIZE:12-1/4" w/avg rate of 25.2 BPM. ISIP 2500 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 5814 gal. Actual flush: 5838 gal. 03/14/05 5632\*-5637\* Frac CP1 sands as follows: Cement Top @ 315 20,165# 20/40 sand in 264 bbls Lightning 17 frac fluid. Treated @ avg press of 2280 psi w/avg rate of 25.1 BPM. ISIP 2550 psi. Calc flush: 5634 gal. Actual flush: 5670 gal. 3/15/05 5420 '- 5430' & 5408' - 5414' PRODUCTION CASING Frac LODC sands as follows: CSG SIZE: 5-1/2" 74,581# 20/40 sand in 588 bbls Lightning 17 frac fluid. Treated @ avg press of 2548 psi GRADE: J-55 w/ avg rate of 25.1 BPM. ISIP 2240 psi. Calc WEIGHT: 15.5# flush: 5411 gal. Actual flush: 5460 gal. LENGTH: 159 jts. (6114.88') 3/15/05 5193 `- 5206' & 5117' - 5125' DEPTH LANDED: 6112.88' KB Frac A3 & A1 sands as follows: HOLE SIZE: 7-7/8" 65,622# 20/40 sand in 506 bbls Lightning 17 frac fluid. Treated @ avg press of 2340 psi w/ avg rate of 25.2 BPM. ISIP 2240 psi. Calc flush: 5204 gal. Actual flush: 5040 gal. CEMENT DATA: 304 sxs Prem. Lite II mixed & 465 sxs 50/50 POZ. CEMENT TOP AT: 315 5117'-5125' **TUBING** SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 5193"-5206" NO. OF JOINTS: 176 jts (5863.51') TUBING ANCHOR: 5875.51' KB NO. OF JOINTS: 1 its (33.42) SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5911.73° KB PERFORATION RECORD NO. OF JOINTS: 2 jts (66.89°) 3/08/05 5938"-5958" 4 JSPF 80 holes TOTAL STRING LENGTH: EOT @ 5980.17' W/12 'KB 3/14/05 5806`-5814` 4 JSPF 32 holes 5408'-5414' 3/14/05 5632'-5637' 4 JSPF 20 holes 54201-5430 3/14//05 5420°-5430° 4 JSPF 40 holes 3/14/05 5408'-5414' 4 JSPF 24 holes 5193'-5206' 52 holes 4 JSPF SUCKER RODS 3/15/05 5117'-5125' 4 JSPF 32 holes 56321-56371 POLISHED ROD: 1-1/2" x 22" SUCKER RODS: 6-1-5/8" weight bars; 10-3/4" scrapered rods; 120-3/4" plain rods, 100-3/4" scrapered rods, 1-8',1-6', 1-4' x 3/4" pony rods. PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC pump w/ SM Plunger 5806'-5814' STROKE LENGTH: 86' PUMP SPEED, SPM: 5 SPM LOGS: DIG/SP/GR Anchor @ 5876 SN @ 5911° 59381-59581 EOT @ 5980 NEWFIELD PBTD @ 6009` Ashley 6-13-9-15 SHOE/TD @ 6161 1992" FNL & 2268" FWI. SENW Section 13-T9S-R15E Duchesne Co. Utah API#43-013-32464; Lease #UTU-66184

#### ASHLEY FEDERAL 7-13-9-15

Spud Date: 01/31/05 Initial Production: 38BOPD. Wellbore Diagram 11MCFD, 91BWPD Put on Production: 03/10/2005 GL: 6100° KB: 6112° FRAC JOB SURFACE CASING 3/7/05 5724-5772 Frac CP3 sands as follows: CSG SIZE: 8 5/8' 48,681#'s of 20/40sand in 438 bbls lightning 17 frac fluid. Treated @ avg press of 1475. GRADE: LSS w/avg rate of 24.8 bpm. ISIP 2050 psi. Calc WEIGHT: 24# flush: 5724 gal. Actual flush: 5720 gal. LENGTH: 7 jts. (305.25') Cement Top 160' 3/7/05 5366-5377 Frac LODC sands as follows: DEPTH LANDED: 315.25' KB 28,621#'s of 20/40 sand in 322 bbls lightning HOLE SIZE: 12 1/4" 17 frac fluid. Treated @ avg press of 2385 w/avg rate of 24.8 bpm. ISIP 2800 psi. Calc flush: 5366 gal. Actual flush: 5376 gal. CEMENT DATA: 160 sks Class G Mix. 3 bbls cement to surface. 3/7/05 4950-4968 Frac B2 sands as follows: 39,077#'s of 20/40 sand in 369 bbls lightning 17 frac fluid. Treated @ avg press of 1752, w/avg rate of 24.7 bpm. ISIP 2200 PRODUCTION CASING CSG SIZE: 5 1/2" psi. Calc flush: 4950 gal. Actual flush: 4998 GRADE: J-55 WEIGHT: 15.5# 3/7/05 4774-4780 Frac D3 sands as follows: LENGTH: 144 jts. (6044.91') 19,199#'s pf 20/40 sand in 324 bbls lightning DEPTH LANDED: 6042.91' KB 17 frac fluid. Treated @ avg press of 1880, HOLE SIZE: 7.7/8° w/avg rate of 24.7 bpm. ISIP 2200 psi. Calc flush: 4774 gal. Actual flush: 4788 gal. CEMENT DATA: 350 sxs Prem. Lite II mixed & 558 sxs 50/50 POZ mix CEMENT TOP AT: 160 3/7/05 4133-4194 Frac GB4 & 6 sands as follows: 48,627#'s of 20/40 sand in 386 bbls lightning 17 frac fluid. Treated @ avg press of 1752 w/avg rate of 24.7 bpm. ISIP 1980 psi. Calc TUBING 4133-4140 flush: 4133 gal. Actual flush: 4032 gal. 4188-4194 SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5# NO. OF JOINTS: 170 jts (5678.33') TUBING ANCHOR: 5690.33' KB NO. OF JOINTS: 3 jts (100.25') SEATING NIPPLE: 2 7/8" (1.10') SN LANDED AT: 5793.38' KB NO. OF JOINTS: 2 its (66.85') 4774-4780 TOTAL STRING LENGTH: 5861.78' w/ 12' KB 4950-4868 SUCKER RODS POLISHED ROD: 1 1/2" x 223 SUCKER RODS: 1-2', X 3/4" pony rods,100-3/4" scrapered rods, 115-3/4" **5** 5366-5377` plain rods, 10-3/4" scrapered rods, 6-1 1/2" weighted rods. PUMP SIZE: 2 1/2" x 1 1/2"x 14' RHAC pump w/ SM Plunger STROKE LENGTH: 86" PUMP SPEED, SPM: 6 SPM LOGS: Open hole, CBL Anchor @ 5690° PERFORATION RECORD 5724-5748 2/25/05 5766`-5772` 4 JSPF 24 holes 5766-5772 5724°-5748° 5366°-5377° 2/25/05  $4\,\mathrm{JSPF}$ 96 holes 3/7/05 4 ISPE 44 holes SN @ 5793° 3/7/05 4950"-4868" 4 JSPF 72 holes 3/7/05 47741-47801 4 JSPF 24 holes EOT @ 5862 3/7/05 41881-41941  $4\,\mathrm{JSPF}$ 24 holes 4133"-4140" 3/7/05 4 JSPF 28 holes **NEWFIELD** PBTD @ 5986 SHOE @ 6043 Ashley Federal 7-13-9-15 TD @ 6055 1998' FNL & 1856' FEL SW/NE Section 13-T9S-R15E Duchesne Co, Utah MC 75.05

API #43-013-32461; Lease #UTU-66184

### Ashley Federal 10-13-9-15

Spud Date: 2/3/2005 Initial Production: BOPD, Put on Production: 03/4/2005 Wellbore Diagram MCFD, BWPD GL: 6115° KB: 6127° FRAC JOB 02/28/05 5852-5922 Frac BS & CP5 sands as follows: SURFACE CASING 64,491# 20/40 sand in 526 bbls Lightning CSG SIZE: 8-5/8" 17 frac fluid. Treated @ avg press. of 1928 w/ avg rate of 24.6 bpm. ISIP 2180. GRADE: J-55 Cale flush: 5850 gal. Actual flush: 5880 gal. WEIGHT: 24# 03/01/05 5680-5724 Frac CP3 sands as follows: LENGTH: 7 jts. (301') 69,786# 20/40 sand in 558 bbls Lightning 17 frac fluid. Treated @ avg press. of 1682 w/ avg rate of 24.5 bpm. ISIP 2100. Cale flush: 5678 gal. Actual flush: 5712 gal. DEPTH LANDED: (311') HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs class "G", 3 bbls cmt to 03/01/05 5463-5564 Frac CP1 & LODC sands as follows: 94,982# 20/40 sand in 698 bbls Lightning Cement top @ 450' 17 frac fluid. Treated @ avg press. of 1742 w/ avg rate of 24.8 bpm. ISIP 2230. Calc flush: 5461 gal. Actual flush: 5502gal. Frac LODC sands as follows: 03/01/05 5322-53333 PRODUCTION CASING 59,881# 20/40 sand in 491 bbls lightning 17 frac fluid. Treated @ avg press. of 2170 w/ avg rate of 24.8bpm ISIP 2430. CSG SIZE: 5-1/2' GRADE: 1-55 Cale flush: 5320 gal. Actual Flush: 5334 gal. WEIGHT: 15.5# Frac LODC sands as follows: 03/01/05 5196-5221 29,366# 20/40 sand in 332 bbls lightning LENGTH: 143 jts. (6025.2') 17 frac fluid. Treated @ avg press. of 2258 w/ avg rate of 14.4 bpm. ISIP 3350. Calc flush: 5194 gal. Actual Flush: 5208 gal. DEPTH LANDED: (6023.2') HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Premlite II & 400 sxs 50/50 POZ. 03/01/05 4978-5056 Frac A.5 & A1 sands as follows: 75,155# 20/40 sand in 564 bbls lightning CEMENT TOP AT: 450 17 frac fluid. Treated @ avg press. of 1849 w/ avg rate of 24.8bpm ISIP 2000. Cale flush: 4976 gal. Actual Flush: 4756 gal. TUBING 03/02/05 4671-4722 Frac D2 & D3 sands as follows: SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 62,583# 20/40 sand in 476 bbls lightning 17 frac fluid. Treated @ avg press. of 1720 w/ avg rate of 24.7bpm ISIP 2100. NO. OF JOINTS: 176 its (5773.69°) TUBING ANCHOR: 5785.69 Calc flush: 4669 gal. Actual Flush: 4578 gal. NO. OF JOINTS: 1 jt (32.58') 4671-4676 SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5821.07' KB 4709-4722 NO. OF JOINTS: 2 jts (66.74') TOTAL STRING LENGTH: EOT @ 5889.36' 4978-4984 5042-5056 5196-5203 SUCKER RODS 5216-5221 POLISHED ROD: 1-1/2" x 22' SM 5322-5333 SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scrapered rods; 116-3/4" plain rods; 100-3/4" scrapered rods; 1-8',1-6',& 1-4'x 3/4" PERFORATION RECORD pony rods. 5463-5476 2/22/2005 5915-5922\* 4 SPF 28 holes PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC 2/22/2005 5852-58641 4 SPF 48 holes STROKE LENGTH: 83" Anchor @ 5522 2/28/2005 5720-5724 4 SPF 16 holes PUMP SPEED: 6 SPM 5544-5564 2/28/2005 5680-5700 4 SPF 80 holes LOGS: DIL/SP/GR/CAL/CNL/LDT/Sonic 3/01/2005 5544-5564 4 SPF 80 holes 5680-5700 3/01/2005 5463-5476 A SPF 52 holes 5720-5724 3/01/2005 5322-53331 44 holes SN @ 5821 5852-5864 3/01/2005 5216-52211 4 SPF 20 holes EOT @: 5889 3/01/2005 5196-5203 4 SPF 28 holes 3/01/2005 5042-5056 56 holes 4 SPF 5915-5922` 3/01/2005 4978-49841 4 SPF 24 holes 3/01/2005 4709-47221 4 SPF 52 holes NEWFIELD 3/01/2005 4671-4676 4 SPF 20 holes PBTD @ 5983 Ashley Federal 10-13-9-15 SHOE @ 6023 1938' FSL & 1967' FEL TD @ 6038 NW/SE Section 13-T9S-R15E Duchesne Co. Utah API #43-013-32458; Lease #UTU-66184

## Ashley Federal 12-13-9-15

Spud Date: 01/19/05 Initial Production: 60 BOPD. Wellbore Diagram 108 MCFD, 9 BWPD Put on Production: 02/22/2005 GL: 6196' KB: 6208' FRAC JOB SURFACE CASING 02/15/05 52801-5304 Frac LODC sands as follows: 84,834#'s of 20/40sand in 651 bbls lightning CSG SIZE: 8 5/8 17 frac fluid. Treated @ avg press of 2299 GRADE: J-55 psi, w/avg rate of 24.8 bpm. ISIP 2670 psi. WEIGHT: 24# Cale flush: 5278 gal Actual flush: 5292 gal. LENGTH: 7 jts. (297.93') 02/15/05 5156\*-5186\* Frac LODC sands as follows: DEPTH LANDED: 307.93° KB 49,899#'s of 20/40 sand in 422 bbls lightning HOLE SIZE: 12 1/4" 17 frac fluid. Treated @ avg press of 1765 psi, w/avg rate of 14.4 bpm. ISIP 2140 psi. Cale flush: 5154 gal. Actual flush: 5166 gal. CEMENT DATA: 150 sks Class "G" Mix. Est 5 bbls cement to the pit 02/15/05 4940\*-4960\* Frac B2 sands as follows: Cement Top @ 590' 79,587#°s of 20/40 sand in 595 bbls PRODUCTION CASING lightning 17 frac fluid. Treated @ avg press of 1670 psi, w/avg rate of 14.5 bpm. ISIP CSG SIZE: 5 1/2" 1990 psi. Cale flush: 4938 gal. Actual flush: GRADE: J-55 WEIGHT: 15.5# 02/16/05 4750 -4757 Frac D3 sands as follows: LENGTH: 144 jts. (6053.4') 37,909#'s of 20/40 sand in 350 bbls lightning DEPTH LANDED: 6051.4' KB 17 frac fluid. Treated @ avg press of 1613 psi, w/avg rate of 14.1 bpm. ISIP 2000 psi. HOLE SIZE: 7.7/8" Cale flush: 4748 gal. Actual flush: 4662 gal. CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. CEMENT TOP AT: 590' TUBING SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5# NO. OF JOINTS: 168 jts (5250.31') TUBING ANCHOR: 5262.31' KB NO. OF JOINTS: 2 jts (62.40°) SEATING NIPPLE: 2 7/8" (1.10') SN LANDED AT: 5327.51` KB **3** 4750°-4757° NO. OF JOINTS: 2 jts (62.38') TOTAL STRING LENGTH: 5391.44' w/ 12' KB 4940'-4960' SUCKER RODS POLISHED ROD: 1 1/2" x 22' 5156'-5166' SUCKER RODS: 1-8', 1-6', 2-4' x 3/4" pony rods, 99-3/4" scrapered rods, 97-3/4" plain rods, 10-3/4" scrapered rods, 6-1 1/2" weighted rods = 5176'-5186' PUMP SIZE: 2 1/2" x 1 1/2"x 15.5' RHAC pump w/ SM Plunger STROKE LENGTH: 86" Anchor @ 5262° PUMP SPEED, SPM: 5 SPM LOGS: CBL 52801-53041 PERFORATION RECORD 52801-53041 SN @ 5327 5176°-5186° 5156°-5166° 02/15/05 4 JSPF 40 holes 02/15/05 4 JSPF 40 holes 02/15/05 1940\*-4960\* 4 JSPF 80 holes 02/15/05 47501-47571 EOT @ 5391° **NEWFIELD** PBTD @ 6007 SHOE @ 6051 Ashley Federal 12-13-9-15 1984' FSL & 658' FWL TD @ 60751 NW/SW Section 13-T9S-R15E Duchesne Co, Utah

API #43-013-32456; Lease #UTU-66184

#### Ashley Federal 13-13-9-15

Initial Production: 22 BOPD. Spud Date: 12/15/04 92 MCFPD. 14 BWPD Put on Production: 02/16/05 Wellbore Diagram GL: 6209' KB: 6221' SURFACE CASING FRAC JOB 02/11/05 5709\*-5928\* Frac Bsh, CP5 and CP3 sand as follows: CSG SIZE: 8-5/8" 25,175#'s of 20/40 sand in 301 bbls GRADE: J-55 lightning 17 frac fluid. Treated w/avg press of 1946 psi, w/avg rate of 24.9 bpm. ISIP 2025 psi. Calc flush: 5707 gal. Actual flush: WEIGHT:24# LENGTH: 7 jts. (301.65') DEPTH LANDED: 311.65° Frac LODC sand as follows: 02/11/05 5384\*-5476 HOLE SIZE: 12-1/4" 20,593#'s of 20/40 sand in 212 bbls lightning 17 frac fluid. Treated w/avg press of 3286 psi, CEMENT DATA: 150 sks Class "G" cement, est. 3 bbls cement to surface w/ avg rate of 24.5 bpm. Screened out 02/11/05 5033\*-5041\* Frac A1 sand as follows: 35,788#'s of 20/40 sand in 343 bbls lightning 17 frac fluid. Treated w/avg press of 2141 psi, w/ avg rate of 24.8 bpm. ISIP 2280 Cement top @ 160' psi. Cale flush: 5031 gal. Actual flush: 5040 PRODUCTION CASING 02/11/05 4558'-4568' Frac DS2 sand as follows: CSG SIZE: 5-1/2' 30,496#'s of 20/40 sand in 299 bbls lightning 17 frac fluid. Treated w/avg press of 2007 psi GRADE: J-55 w/avg rate of 24.8 bpm. ISIP 2250 psi. Calc WEIGHT: 15.5# flush: 4557 gal. Actual flush: 4536 gal. LENGTH: 143 jts. (6033.78') 02/11/05 4184~-4191 Frac GB6 sand as follows: DEPTH LANDED: 6031.78' KB 23,380#'s of 20/40 sand in 238 bbls lightning 17 frac fluid. Treated @ w/avg press of 2114 psi, w/avg rate of 24.9 bpm ISIP 2000 psi. HOLE SIZE: 7-7/8" CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix Calc flush: 4182 gal. Actual flush: 4116 gal. 4184'-4191' TUBING SIZE/GRADE/WT.: 2 7/8" - 6.5# - J-55 4558'-4568' NO. OF JOINTS: 182 jts. (5772.66') TUBING ANCHOR: 5784.66' KB 5033'-5041' NO. OF JOINTS: 1 it. (31.44') SN LANDED AT: 1.10' (5818.90') NO. OF JOINTS: 2 its. (63.63') TOTAL STRING LENGTH: 5884.08' w/ 12' KB 53841-5390 5468`-5476` SUCKER RODS POLISHED ROD: 1 1/2" x 22" SUCKER RODS: 1-8°, 1-6°, 1-4° X 3/4° peny rods, 98-3/4° scrapered rods, 118-3/4° plain rods, 10-3/4° scrapered rods, 6-1 1/2° weight rods 5709'-5714' PERFORATION RECORD 02/04/05 59221-5928 PUMP SIZE: 2 1/2" x 1 1/2" x 14.5' RHAC w/sm plunger 02/04/05 5847`-5854` 5709`-5714` 4 JSPF 28 holes Anchor @ 5785° 02/04/05 4 JSPF 20 holes STROKE LENGTH: 86" 5468`-5476` 02/11/05 4 JSPF 32 holes PUMP SPEED, SPM: 4.5 SPM 02/11/05 5384"-5390" 4 JSPF 24 holes SN @ 58191 02/11/05 50331-50411 4 JSPF 32 holes LOGS: CBL 02/11/05 4558\*-4568\* 4 JSPF 40 holes 02/11/05 4184\*-4191\* 5847"-5854" EOT @ 5884° \$5922`-5928` NEWFIELD PRTD: 5990° Ashley Federal 13-13-9-15 665' FSL & 656' FWL SHOE: 6032 SW/SW Section 13-T9S-R15E TD: 6040 Duchesne Co. Utah API 43-013-32455; Lease UTU68548

02-04-2005 08:20

From-BJ UNICHEM RSVLT UT

435 722 5727

T-146 P.002/003 F-861

Analytical Laboratory Report for:



#### **NEWFIELD PRODUCTION COMPANY**

Account Representative: Amold, Joe

# **Production Water Analysis**

Listed below please find water analysis report from: JOHNSON WATER LINE, JOHNSON STATION #2 CHARGE PUMP

Lab Test No:

2005400163

Sample Date:

01/10/2005

Specific Gravity: 1.002

TDS:

674

pH:

8,20

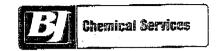
Cations:	mg/L	as:
Calcium	80.00	(Ca <sup>↔</sup> )
Magnesium	56.00	(Mg <sup>™)</sup>
Sodium	0	(Na <sup>*</sup> )
Iron	0.70	(Fe <sup>++</sup> )
Manganese	0.00	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	366	(HCO <sub>3</sub> )
Sulfate	100	(SO <sub>4</sub> )
Chloride	71	(CI)
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

**MEWFIELD PRODUCTION** 

Lab Test No: 2005400163

COMPANY

DownHole SAT<sup>™</sup> Scale Prediction @ 50 deg. F



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)	
Calcite (CaCO3)	5.02	1.13	
Aragonite (CaCO3)	4.41	1.09	
Witherite (BaCO3)	0	-4.08	
Strontianite (SrCO3)	0	99	
Magnesite (MgCO3)	2.13	.628	
Anhydrite (CaSO4)	.0183	-369.47	
Gypsum (CaSO4*2H2O)	.0429	<b>-249.5</b> 9	
Barite (BaSO4)	0	024	
Celestite (SrSO4)	0	-49.8	
Silica (SiO2)	0	-28.21	
Brucite (Mg(OH)2)	< 0.001	- 737	
Magnesium silicate	0	-60.59	
Siderite (FeCO3)	11.14	.0732	
Halite (NaCl)	< 0.001	-136816	
Thenardite (Na2SO4)	< 0.001	-35132	
Iron sulfide (FeS)	0	0163	

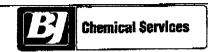
Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.



Analytical Laboratory Report for:



### **NEWFIELD PRODUCTION COMPANY**

From-BJ UNICHEM RSVLT UT

Account Representative: Arnold, Joe

# **Production Water Analysis**

Listed below please find water analysis report from: Run A, ASHLEY 11-13-9-15 TREATER

Lab Test No:

2005401743

Sample Date:

05/03/2005

Specific Gravity: 1.015

22093

TDS: pH:

8.20

Cations:	mg/L	as:	
Calcium	160	(Ça <sup>┿</sup> )	
Magnesium	48.00	(Mg <sup>++</sup> )	
Sodium	8280	(Na <sup>+</sup> )	
Iron	50.00	(Fe <sup>††</sup> )	
Manganese	0.60	(Mn )	
Anions:	mg/L	as:	
Bicarbonate	854	(HCO <sub>3</sub> ·)	
Sulfate	0	(SO <sub>4</sub> ")	
Chloride	12700	(Ci)	
Gases:			
Carbon Dioxide		(CO <sub>2</sub> ) (H <sub>2</sub> S)	
Hydrogen Sulfide	0	(H <sub>2</sub> S)	

page 4 & 6

NEWFIELD PRODUCTION

Lab Test No: 2005401743

COMPANY

# DownHole SAT<sup>™</sup> Scale Prediction @ 130 deg. F



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	24.58	10.47
Aragonite (CaCO3)	20.43	10.37
Witherite (BaCO3)	0	-7.65
Strontianite (SrCO3)	0	<b>-2.22</b>
Magnesite (MgCO3)	9.72	8.09
Anhydrite (CaSO4)	l o	-655.59
Gypsum (CaSO4*2H2O)	0	-805.25
Barite (BaSO4)	0 .	-7.74
Celestite (SrSO4)	l o	-181.85
Silica (SiO2)	0	-79.36
Brucite (Mg(OH)2)	.00965	-1.67
Magnesium silicate	0	-130.45
Siderite (FeCO3)	7013	12.15
Halite (NaCl)	.00133	-191530
Thenardite (Na2SO4)	0	-58538
Iron sulfide (FeS)	l ō	00183

#### Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

# DownHole SAT(tm) MIXED WATER CHEMISTRY

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1) Johnson Water

2) Ash 11-13-9-15

Report Date: 05-04-2005

300.00 156.50 0.00 0.00 4140 25.20	ANIONS Chloride (as C1) Sulfate (as SO4) Dissolved CO2 (as CO2) Bicarbonate (as HCO3) Carbonate (as CO3) H2S (as H2S)	6600 50.00 12.25 644.41 97.92 0.00
0.300		
	156.50 0.00 0.00 4140 25.20	300.00 Chloride (as Cl) 156.50 Sulfate (as SO4) 0.00 Dissolved CO2 (as CO2) 0.00 Bicarbonate (as HCO3) 4140 Carbonate (as CO3) 25.20 H2\$ (as H2\$)

#### PARAMETERS

рH	8.14
Temperature (°F)	130.00
Density(g/mL)	1.00
Pressure (atm)	1.00
Calculated T.D.S.	12038
Molar Conductivity	16070

BJ Chemical Services Roosevelt, Utah

#### DownHole SAT(tm) MIXED WATER DEPOSITION POTENTIAL INDICATORS

Dage 6 of 6

l) Johnson Water

2) Ash 11-13-9-15

Report Date: 05-04-2005

SATURATION LEVEL Calcite (CaCO3) Aragonite (CaCO3) Witherite (BaCO3) Strontianite (SrCO3) Magnesite (MgCO3) Anhydrite (CaSO4) Gypsum (CaSO4*2H2O) Barite (BaSO4)	46.49 38.65 0.00 0.00 30.61 0.0145 0.0126 0.00	MOMENTARY EXCESS Calcite (CaCO3) Aragonite (CaCO3) Witherite (BaCO3) Strontianite (SrC Magnesite (MgCO3) Anhydrite (CaSO4) Gypsum (CaSO4*2H2 Barite (BaSO4) Magnesium silicat	20)	Barrels) 7.59 7.56 -6.66 -1.99 6.32 -458.48 -562.15 -1.22 -121.79
Magnesium silicate Iron hydroxide (Fe(OH)3)	186756 0.00	Iron hydroxide (Fes	?e(OH)3)	< 0.001 >-0.001
Iron sulfide (FeS)	0.00		TOTAL	FREE
SIMPLE INDICES	1.92	BOUND IONS Calcium	300.00	
Langelier Stiff Davis Index	2.03	Barium	0.00	
SCIII DAVIS INGOV	<del></del>	Carbonate	97.92	
		Phosphate Sulfate	0.00 50.00	

OPERATING CONDITIONS

Temperature (°F) Time (mins)

130.00

3.00

BJ Chemical Services Roosevelt, Utah

Attachment "G"

# Ashley Federal #11-13-9-15 Proposed Maximum Injection Pressure

				Calculated		
Frac Interval				Frac		
(fe	eet)	Avg. Depth	ISIP	Gradient		
Top	<b>Bottom</b>	(feet)	(psi)	(psi/ft)	Pmax	
5746	5933	5840	2025	0.79	2013	<b>4</b>
5572	5583	5578	2050	0.80	2038	
5053	5078	5066	2200	0.87	2189	
4881	4930	4906	2125	0.87	2114	
4672	4722	4697	2400	0.95	2390	
				Minimum	2013	_

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433\*1.005)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.005.

Frac Gradient = (ISIP +(0.433\*Top Perf.))/Top Perf.

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment 6-1 page 10+5

Day: 02a

# **DAILY COMPLETION REPORT**

Report Date: 2-24-05

WELL NAME: Ashley Federal 11-13-9-15

Ope	ration:	Coi	npletion		Rig: _	Rigle	SS
<u>`</u>			WELL	STATUS		·	
Surf Csg:	8-5/8	@ 308'	Prod Csg		<b>6031</b> '	Csg PB	TD: 5940' WL
Tbg:	Size:	Wt:	Grd:	Pkr/EOT	@:	BP/Sand PB	TD:
			PERFORA	TION RECORD			
Zone		<u>Perfs</u>	SPF/#shots	Zone	!	<u>Perfs</u>	SPF/#shots
			~**************************************	CP-3	5746 -	5750'	4/16
			and published by completed your and the detailed by the second of the se	CP-4	<u> </u>		4/10
				CP-5	5844 -		4/16
		***************************************	***************************************	CP-5	5856 -	5860'	4/16
			***************************************	BSSD	5928 -	5933'	4/20
			CHRONOLOGI	CAL OPERATION	<u>IS</u>	· · · · · · · · · · · · · · · · · · ·	
Date Work	Perfor	med: 2	-23-05		SITP:	SIC	CP: 30
@ ave pre ISIP was 2  Starting flu Fluid lost/re	ssure of 025. 53 id load t	1790 w/ ave rate 1 bbls EWTR. L  o be recovered:	142 Star 389 Oil le	OVERY (BBLS) ting oil rec to date ost/recovered toda	Spot 5 bbls 15%		
Ending flui				oil recovered:			
IFL:		FFL:	FTP: Choke	):Fi	nal Fluid Rate:	Fil	nal oil cut:
			ON DETAIL			COSTS	
Base Fluid		Lightning 17	Job Type: Sa	nd frac	***************************************	erford BOP	\$30
Company:	В.	J Services			Weatherfor	d Services	\$650
Procedure	or Equip	ment detail:	BS & CP sds down ca	sing	Betts	frac water	\$460
-					NP	C fuel gas	\$120
3192	gals of	pad			BJ Services	BS&CPsd	\$17,630
2500	gals w/	1-5 ppg of 20/40	sand		NPC :	Supervisor	\$70
4763	gals w/	5-8 ppg of 20/40	sand				
Flusi	n w/ 578	3 gals of slick wa	ter				
					***************************************		
***************************************			lude 2 bbls pump/line				
		Max Rate: 24	***************************************	·			
-	***************************************	Avg Rate: 24			DAIL V. C.	NOT:	
	2025	5 min:	10 min:	FG: <u>.78</u>	DAILY CO		\$18,960
Comple	etion Su	pervisor: Ro	n Shuck/Hans		TOTAL WE	LL COST:	\$288,810



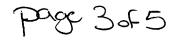
Day: 02b



# **DAILY COMPLETION REPORT**

WELL NAME: Ashley Federal 11-13-9-15 Report Date: 2-24-05

Operation: Completion	Rig: Rigl	ess
WELL STATUS		
Surf Csg: 8-5/8' @ 308' Prod Csg: 5-1/2" @	6031' Csg P	BTD: 5940' WL
Tbg: Size: Wt: Grd: Pkr/EOT @:	BP/Sand P	BTD: 5630'
PERFORATION RECORD		
Zone Perfs SPF/#shots Zone	<u>Perfs</u>	SPF/#shots
CP1 sds	5572 - 5583'	4/44
CP-3	5746 - 5750'	4/16
CP-4	5781 - 5784'	4/12
CP-5	5844 - 5848'	4/16
	5856 - 5860'	4/16
	5928 - 5933'	4/20
CHRONOLOGICAL OPERATIONS		
Date Work Performed: 2-23-05	SITP:S	SICP: 1475
44 shots. RU BJ & perfs won't break down. RIH & spot 10 gals 15% HCL 20,108#'s of 20/40 sand in 256 bbls Lightning 17 frac fluid. Open well w/ 147 3311 psi back to 1755 psi. Treated @ ave pressure of 2040 w/ ave rate of 24 bbls 15% HCL in flush for next stage. ISIP was 2050. 787 bbls EWTR. Leave      FLUID RECOVERY (BBLS)	75 psi on casing. Per .7 bpm w/ up to 8 ppg	fs broke down @ g of sand. Spot 5
IFL: FFL: FTP: Choke: Final F	luid Rate: F	Final oil cut:
STIMULATION DETAIL	COSTS	<u> </u>
STIMULATION DETAIL Base Fluid used: Lightning 17 Job Type: Sand frac	COSTS Weatherford BOP	\$30
STIMULATION DETAIL  Base Fluid used: Lightning 17 Job Type: Sand frac  Company: BJ Services	COSTS Weatherford BOP Veatherford Services	<u> </u>
STIMULATION DETAIL  Base Fluid used: Lightning 17 Job Type: Sand frac  Company: BJ Services	COSTS Weatherford BOP	\$30 \$2,200
STIMULATION DETAIL  Base Fluid used: Lightning 17 Job Type: Sand frac  Company: BJ Services  Procedure or Equipment detail: CP sds down casing	COSTS Weatherford BOP Veatherford Services Betts frac water	\$30 \$2,200 \$230
STIMULATION DETAIL  Base Fluid used: Lightning 17 Job Type: Sand frac  Company: BJ Services  Procedure or Equipment detail: CP sds down casing	COSTS Weatherford BOP Veatherford Services Betts frac water NPC fuel gas	\$30 \$2,200 \$230 \$60
STIMULATION DETAIL  Base Fluid used: Lightning 17 Job Type: Sand frac  Company: BJ Services  Procedure or Equipment detail: CP sds down casing  1596 gals of pad	COSTS Weatherford BOP Veatherford Services Betts frac water NPC fuel gas BJ Services CP1 sds	\$30 \$2,200 \$230 \$60 \$7,430
STIMULATION DETAIL  Base Fluid used: Lightning 17 Job Type: Sand frac  Company: BJ Services  Procedure or Equipment detail: CP sds down casing  1596 gals of pad  1250 gals w/ 1-5 ppg of 20/40 sand	COSTS Weatherford BOP Veatherford Services Betts frac water NPC fuel gas BJ Services CP1 sds NPC Supervisor	\$30 \$2,200 \$230 \$60 \$7,430 \$70
STIMULATION DETAIL  Base Fluid used: Lightning 17 Job Type: Sand frac  Company: BJ Services  Procedure or Equipment detail: CP sds down casing  1596 gals of pad  1250 gals w/ 1-5 ppg of 20/40 sand  2320 gals w/ 5-8 ppg of 20/40 sand	COSTS Weatherford BOP Veatherford Services Betts frac water NPC fuel gas BJ Services CP1 sds NPC Supervisor	\$30 \$2,200 \$230 \$60 \$7,430 \$70



Day: 02c



# DAILY COMPLETION REPORT

Report Date: 2-24-05

WELL NAME: Ashley Federal 11-13-9-15

Ope	eration:	***	Com	pletion	*********			Rig:	Riç	less	****
				<del></del>	WELL ST	TATUS		· · ·			
Surf Csg:	8-5/8	@	308'	Pr	od Csg:		@	6031'	Csg	PBTD:	5940' WL
Tbg:	Size:		Wt:	Gro	l:		OT @:		BP/Sand		***************************************
									Plug	5630	1
****		ı				N RECOR			<b>5</b> /		005/// /
<u>Zone</u>			<u>Perfs</u>	SPF/#sho	<u>ts</u>	<u>20</u> CP1	one ede	5572	<u>Perfs</u> - 5583'		SPF/#shots 4/44
		~~ <del>~~</del>	***************************************		vaa	CP-3	·····		- 5750'		4/16
	•••••	······	·	***************************************	**********	CP-4		***************************************	- 5784'	_	4/12
	<del></del>		<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>		terrore.	CP-5		5844	- 5848'		4/16
A1 sds		5053-		4/28		CP-5	***************************************	***************************************	- 5860'	-	4/16
A1 sds		5068-	5078'	4/40	*******	BSSI	<u>D</u>	5928	- 5933'	-	4/20
				CHRON	DLOGICA	L OPERA	TIONS				
Date Work	k Perfo	rmed:	2-2	23-05				SITP:		SICP:	1750
	ssure o	n well.	See day2d.		D RECOV Starting	ERY (BBL g oil rec to decovered	.S) date:		was 2200.	1354	bbls EWTR
Ending flui				354		recovered				-	
_		FFL:		TP:			-	Fluid Rate:		Final o	oil cut:
			STIMULATIC	N DETAIL				<del></del>	COST	S	
Base Fluid	used:	-		Job Type:	Sand	frac		Weath	erford BOP		\$40
Company:	•	3J Ser		·	<del></del>	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>		Weatherfo	rd Services		\$2,200
Procedure	***************************************	·····		1 sds down ca	asina		144	Betts	frac water		\$890
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Vq	<b></b>					-		PC fuel gas		\$220
5796	gals o	f nad			***************************************		•••		ces A1 sds	•••	\$16,240
			pg of 20/40 s	and			<del></del>		Supervisor		\$80
***************************************		····	pg of 20/40 s						Volf A1 sds	-	\$4,200
************			g of 20/40 sar						1011711 000	-	<u> </u>
***************************************			5					<del></del>			
riusi	11 W/ 304	+0 gais	s of slick wate	<del></del>						-	
							<del></del>			-	<del></del>
***************************************		<del>-</del>		ude 2 bbls pun  Total fluid		ume** 567 bbls		,, , , , , , , , , , , , , , , , , , ,		-	
Max TP Avg TP			***************************************			75,275#'s				-	***************************************
	: 2200	_	min: 24.5	10 min:	, hiiiha	FG: .87		DAILY C	OST:	÷	\$23,870
Comple	***************************************		······································	Shuck/Hans	-		<del></del>	TOTAL WE			\$326,900
Compi	0	-6-214							• •		



Page 4 of 5

Day: 02d

# **DAILY COMPLETION REPORT**

Report Date: 2-24-05

WELL NAME: Ashley Federal 11-13-9-15

Ope	ration:	•••	Co	mpletion	***************************************			Rig: _	Rig	less	
					WELL ST	TATUS		*·			
Surf Csg:	8-5/8	@	308'		Prod Csg:	5-1/2"	@	6031'	Csa i	PBTD:	5940' WL
Tbg:	Size:		Wt:	_	rd:	Pkr/E	. –		BP/Sand I		
J	-		······································		***************************************	······	_		Plug	5630	5180' 4980'
				PE	RFORATIO	N RECOR	<u>D</u>				
<u>Zone</u>		-	<u>Perfs</u>	SPF/#sh	iots		<u>ne</u>	-	<u>Perfs</u>		SPF/#shots
D1 sds	,	4672-4		4/16		CP1 s	sds	5572 -	<del></del>	~	4/44
D2 sds		4705-4		4/68	managada da marana da marana da marana da marana da marana da marana da marana da marana da marana da marana da	<u>CP-3</u>	***************************************	<u>5746 -</u>		-	4/16 4/12
B.5 sds B2 sds		4881-4 4926-4		- 4/44 4/16	-tytottubeteskina	CP-4 CP-5		<u>5781 -</u> 5844 -		-	4/12
A1 sds		5053-		4/28	<del></del>	CP-5		5856 -		-	4/16
A1 sds		5068-		4/40	<del></del>	BSSD	)	***************************************	5933'	•	4/20
					NOLOGICA					•	***************************************
D ( )M	- D f				IOLOGICA	LOPERAT	IONS	eito.		eicn.	1400
Date Worl	K Pertoi	rmea:		2-23-05				SITP:	······································	SICP:	1400
1690 bbis	EWTR.	. Leav	e pressur	up to 8 ppg of e on well. RIH 6' w/ 4 spf for to	l w/ frac plu otal of 84 sh	ig & 10' per nots. SIFN.	rf gun.				
				*****	JID RECOV						
Starting flu				1354	-	oil rec to d			***************************************	•	
Fluid <u>lost</u> /r Ending flui			-	336 1690		recovered t recovered:	_			-	
IFL:	a to be	FFL:	#1 & C.	FTP:	Choke:			Fluid Rate:		Final o	oil cut:
		***					•		0007	-	
				ION DETAIL	0 1	£		\	COST rford BOP		¢40
Base Fluid	-		tning 17	Job Type:	Sand	Trac	•			-	\$40
Company:	E	3J Ser	vices					Weatherfor		-	\$2,200
Procedure	or Equi	pment	detail:	B2 & B.5 sds	down casin	g		Betts	frac water		\$400
						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		NF	C fuel gas	_	\$100
2814	gals of	f pad					_	BJ Services	B2&.5 sd	_	\$9,850
2194	l gals w	/ 1-5 p	pg of 20/4	0 sand				NPC :	Supervisor		\$80
*************			pg of 20/4				•	Lone Wolf	B2&B.5 sd	•	\$4,200
			s of slick w		·**		-			-	ALII ARAMAMININ MARAMAMININ MA
1100	11 417 40	1 + gai	0 01 011011 11		<del></del>		•			-	
		<u></u>								~	<del></del>
					/11	++	er .		······································	•	
				clude 2 bbls pu			-	- <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		-	
	: 2285		***************************************		uid pmpd:	336 bbls	-	······································		<del>~</del>	
_	: 1990	_	***************************************		op pmpd:	FG: .87	•	DAILY CO	nst.	•••	\$16,870
	: <u>2125</u>		min:	10 min:		r.G01	-	TOTAL WE			\$343,770
Compl	etion S	uperv	ISOF: R	on Shuck/Han	<u> </u>			I O I AL WE	LL COST.		ψυτυ,110



# DAILY COMPLETION REPORT

WELL N	IAME:	Ash	nley Fede	ral 11-13-9-15	<u> </u>	eport Date:	2-	25-05			Day:	03
Ope	ration:		Co	mpletion				Rig: _	Rig	less		
					WELL S	TATUS						
Surf Csg:	8-5/8	@	308'		Prod Csg: _	5-1/2"	@	6031'	Csg	PBTD:	5940	WL
Tbg:	Size:		Wt:	G	ird:	Pkr/E0	OT @: _		BP/Sand		477	
				PF	REORÁTIO	ON RECORE	)		Plug	5630'	5180'	4980'
Zone		Р	<u>Perfs</u>	SPF/#s		Zoi		F	erfs		SPF/#	shots
D1 sds	40	- 672-4		4/16		CP1 s		5572 -			4/44	
D2 sds		705-4		4/68		CP-3	***************************************	5746 -	5750'	_	4/16	
B.5 sds	48	881-4	892'	4/44		CP-4		5781 -		_	4/12	
B2 sds	49	926-4	930'	4/16	************	CP-5		<u> 5844 -</u>		•••	4/16	
A1 sds		053-5		4/28		<u>CP-5</u>		5856 -	<del></del>	_	4/16	
A1 sds		068-5	078'	4/40		BSSD		<u>5928 -</u>	5933	•••	4/20	
				CHRO	NOLOGICA	AL OPERAT	<u>IONS</u>					
Date Work	k Perforn	ned:		2-24-05				SITP:		SICP:	40	0
Starting flu				2277 180	Startin	VERY (BBLS	ate:					
Ending flui			-	2097		il recovered:	-					
IFL:		FL:	.,	FTP:	Choke:		***	Fluid Rate:		Final	oil cut:	
		<u>s</u>	STIMULAT	ΓΙΟΝ DETAIL					COST	<u>s</u>		
Base Fluid	used:	Light	tning 17	Job Type: _	Sanc	l frac		Weathe	rford BOF	) 		<u>\$130</u>
Company:	B	J Ser	vices					Weatherfor	d Services	<u>.</u>	\$2	2,200
Procedure	or Equip	ment	detail:	D2 & D1 sds	down casii	ng		Betts	frac water	_		\$890
	• •							NF	'C fuel gas	5		\$220
5796	3 gals of p	pad					•	BJ Service	s D2&1 sc	1	\$10	0,845
	T		pg of 20/4	0 sand				NPC	Superviso	-		\$300
							-	Lone Wo	If D2&1 sc		\$-	4,240
	X		pg of 20/4							1		\$400
Flus	h w/ 4578	2 aala	pg of 20/4 g of 20/40	sand				Betts wat	er transfe			Ψ100
3-44-50-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4		s gais	<u> </u>					Betts wat	er transfe			<u> </u>
			g of 20/40 s of slick w	/ater				Betts wat	er transfe			
	2: <u>2200</u> M	Max R	g of 20/40 s of slick w	/ater  4.9 Total fl	uid pmpd:	587 bbls		Betts wat	er transfe			
	r: <u>1990</u> /	Max R Avg R	g of 20/40 s of slick w tate: 2	vater  4.9 Total fl 4.7 Total P		81,299#'s						
ISIP		Max R Avg R 5 r	g of 20/40 s of slick w  sate: 2 sate: 2 min:	/ater  4.9 Total fl	rop pmpd:			DAILY CO	DST:			9,225

# ATTACHMENT H

# WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4577.
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class G cement.
3.	Plug #2	Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4.	Plug #3	Pump 42 sx Class G cement down 5-1/2" casing to 358'.

The approximate cost to plug and abandon this well is \$33,025.

Attachment H-1

# ASHLEY FEDERAL 11-13-9-15

Initial Production: 85BOPD, Spud Date: 01/20/05 Proposed P & A 254MCFD, 18BWPD Put on Production: 03/01/2005 Wellbore Diagram GL: 6157' KB: 6169' SURFACE CASING CSG SIZE: 8 5/8" GRADE: J-55 Pump 42 sx Class G Cement down 5-1/2" casing to 358" WEIGHT: 24# Cement Top @ 150 LENGTH: 7 jts. (298.09°) DEPTH LANDED: 308.09° KB HOLE SIZE: 12 1/4" CEMENT DATA: 160 sks Class G Mix. 5 bbls cement to surface. Casing Shoe @ 308' PRODUCTION CASING CSG SIZE: 5 1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 143 jts. (6032.98') DEPTH LANDED: 6030.98' KB 200' Balanced Plug (25 sx) Class G Cement over water CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. CEMENT TOP AT: 150' 100' (12 sx) Class G Cement plug on top of CIBP CIBP @ 4577 4672`-4676` 4705'-4722' 4881'-4892' 4926'-4930' 5053'-5060' 5572'-5583' 5746'-5750' 5781`-5784` = 5844°-5848° <del>-</del> 5856°-5860° 59281-59331 PBTD @ 5987 NEWFIELD SHOE @ 6031 Ashley Federal 11-13-9-15 1790' FSL & 2043' FEL TD @ 6050 NE/SW Section 13-T9S-R15E Duchesne Co. Utah

API#43-013-32457; Lease #UTU-66184

# BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

IN THE MATTER OF THE APPLICATION

OF NEWFIELD PRODUCTION COMPANY

FOR ADMINISTRATIVE APPROVAL OF :

THE ASHLEY FEDERAL 7-13-9-15,

ASHLEY FEDERAL 11-13-9-15, ASHLEY FEDERAL 13-13-9-15, ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 15-14-9-15 WELLS LOCATED IN SECTIONS 13 AND 14, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS

**CLASS II INJECTION WELLS** 

NOTICE OF AGENCY ACTION

CAUSE NO. UIC 324

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the Ashley Federal 7-13-9-15, Ashley Federal 11-13-9-15, Ashley Federal 13-13-9-15, Ashley Federal 13-14-9-15, and Ashley Federal 15-14-9-15 wells, located in Sections 13 and 14, Township 9 South, Range 15 East, Duchesne County, Utah, for conversion to Class II injection wells. The adjudicative proceeding will be conducted informally according to Utah Admin.Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 9th day of August, 2005.

STATE OF UTAH DIVISION OF OIL, GAS & MINING

Gil Hunt

Associate Director

# Newfield Production Company Ashley Federal 7-13-9-15, Ashley Federal 11-13-9-15, Ashley Federal 13-13-9-15, Ashley Federal 13-14-9-15 Cause No. UIC 324

Publication Notices were sent to the following:

Newfield Production Company Route 3, Box 3630 Myton, Utah 84052

Uintah Basin Standard Fx: (435) 722-4140 268 South 200 East Roosevelt, Utah 84066-3109

via E-Mail and Facsimile (801) 237-2577) Salt Lake Tribune PO Box 45838 Salt Lake City, UT 84145

Vernal District Office Bureau of Land Management 170 South 500 East Vernal, Utah 84078

Duchesne County Planning PO Box 317 Duchesne, Utah 84021-0317

Dan Jackson US EPA Region VIII, Suite 5000 999 18th Street Denver, CO 80202-2466

Julie Carter

Executive Secretary August 9, 2005

	TRANSACTION REPORT	_	AUG-09-200	5 TUE 01:18 PM
FOR: OIL, GAS & MINING	801 359 3940			
DATE START RECEIVER	TX TIME PAGES	TYPE	NOTE	<b>M</b> ♯ DP
AUG-09 01:17 PM 14357224140	42" 2	SEND	OK	354

# August 9, 2005

## SENT VIA E-MAIL AND FAX

Uintah Basin Standard Fx: (435) 722-4140 268 South 200 East Roosevelt, Utah 84066-3109

Re: Notice of Agency Action - Cause No. UIC 324

## Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Cincaralte

_	TRANSACTION F	REPORT	-	AUG-09-20	05 TUE 01:19 PM
FOR: OIL, GAS & MINING	801 35	59 3940			
DATE START RECEIVER	TX TIME	PAGES	TYPE	NOTE	M# DF
AUG-09 01:19 PM 2372577	44"	2	SEND	OK	355
		TOTAL	<u>.</u>	44S PAGES:	2

August 9, 2005

SENT VIA E-MAIL AND FAX (801) 237-2577

Salt Lake Tribune PO Box 45838 Salt Lake City, UT 84145

Re: Notice of Agency Action - Cause No. UIC 324

## Gentlemen:

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بدامسم مدنا

# August 9, 2005

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Uintah Basin Standard Fx: (435) 722-4140 268 South 200 East

Roosevelt, Utah 84066-3109

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Sincerely,

Julie Carter

**Executive Secretary** 

encl.

SENT VIA E-MAIL AND FAX (801) 237-2577

Salt Lake Tribune PO Box 45838 Salt Lake City, UT 84145

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Sincerely,

Julie Carter

**Executive Secretary** 

encl.

Utah Public Notice Page 1 of 2

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### **Public Notice**

County: Salt Lake

**Printed In:** Salt Lake Tribune **Printed On:** 2005/08/13

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### **Public Notice:**

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC 324 IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 7-13-9-15, ASHLEY FEDERAL 11-13-9-15, ASHLEY FEDERAL 13-13-9-15, ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 15-14-9-15 WELLS LOCATED IN SECTIONS 13 AND 14, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the Ashley Federal 7-13-9-15, Ashley Federal 11-13-9-15, Ashley Federal 13-13-9-15, Ashley Federal 13-14-9-15, and Ashley Federal 15-14-9-15 wells, located in Sections 13 and 14, Township 9 South, Range 15 East, Duchesne County, Utah, for conversion to Class II injection wells. The adjudicative proceeding will be conducted informally according to Utah Admin.Rule R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil

Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 9th day of August, 2005. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director 8202UF5D

Public Notice ID: 4130657.HTM

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A public service by the member newspapers of the



Vintah Basin Standard 8/16/05

# NOTICE OF AGENCY ACTION CAUSE NO. UIC 324

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative appany 101 administrative approval of the Ashley Federal 7-13-9-15, Ashley Federal 11-13-9-15, Ashley Federal 13-13-9-15, Ashley Federal 13-14-9-15, and Ashley Federal 15-14-9-15 wells, located in Sections 13 and 14, Township 9 South, Range 15 East, Duchesne County, Utah, for conversion to Class II injection wells. The adjudicative proceeding will be conducted informally according to Utah Admin.Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or no-tice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this pro-ceeding is Gil Hunt, Associ-ate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 9th day of

August, 2005.
STATE OF UTAH
DIVISION OF OIL,
GAS & MINING
Gil Hunt
Associate Director
Published in the Uintah
Basin Standard August 16
2005.

# Newspaper Agency Corporation The Salt Lake Tribune Morning News

143 SOUTH MAIN ST. P.O.BOX 45838

CUSTOMER'S COPY

SALT LAKE CITY, UTAH 84145 FED.TAX I.D.# 87-0217663

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL GAG & WINING	752252425 25	
DIV OF OIL-GAS & MINING	D5385340L-07	08/13/05
1594 W NORTH TEMP #1210		
P.O. BOX 145801		
SALT LAKE CITY, UT 84114	į –	

		COPY
ACCOUN	T NAME	
DIV OF OIL-	GAS & MINING	
TELEPHONE	INVOICE NUMBER	
801-538-5340	TL8202UF5D1	
SCHEL	ULE	
START 08/13/	05 END 08/13/05	RECORD THE DURING
CUST.	REF. NO.	BEFORE THE DIVISION OF OIL GAS AND MINING DEPARTMENT OF NATURAL RESOURCES NOTICE OF UTAN NOTICE OF UTAN CAUSE NO. UKC 324
Cal	PTION	IN THE MATTER OF THE APPLICATION OF NEWTHELD PR DUCTION COMPANY FOR ADMINISTRATIVE APPROVAL 13-9-15, ASHLEY FEDERAL 7-13-9-15, ASHLEY FEDERAL 1 13-9-15, ASHLEY FEDERAL 13-13-9-15, ASHLEY FEDERAL 1 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15 WELLS LOCATED IN SECTIONS 13 AND 14 TOWNSHIP CLASS II RUECTION WELLS
		13-9-15, ASHLEY FEDERAL 13-13-9-15, ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-1
	SION OF OIL, GA	SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, A
5	IZE	ABOVE ENTITIED MATTER ALL PERSONS INTERESTED IN TH
118 LINE	S 2.00 COLUMN	Notice is hereby given that the Division of Oil, Go and Mining (the Division) is commencing an information of Colling the Division of Colling and Mining (the Division) is commencing an information of Colling and Colling an
TIMES	RATE	Odjudicative proceeding to consider the application of Newfield Production Company for administrative appropriative appropriation of the Address Section 19
_		11-13-9-15, Ashley Federal 13-13-9-15, Ashley Federal 13-13-9-15, Ashley Federal 13-14-9-15, and Ashley Federal 15-14-9-15, and Ashley Federal 15-14-9-15
1 Marca amangana	1.25	Range 15 East, Duchesne County, Urah, for conversion to
MISC. CHARGES	AD CHARGES	be conducted informally according to Utah Admin.Rule R649-10, Administrative Procedures.
.00	152.50	Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Production Company.
	TOTAL COST	fracture gradient information submitted by Newfield Production Company.
	152.50	Any person desiring to object to the proposed appli-
	132.30	son within fifteen days following publication of this no- tice. The Division's Presiding Office for this no-
AFFIDAV	IT OF PUBLICATION	Atty person desiring to object to the proposed appli- cation or otherwise intervene in the propediting, must file a written protest or notice of intervention with the Divi- sion within fifteen days following publication of this no- tice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PO Box 1.45001, Saft Late City, Unto 84114-5801, plaine number (801) 5382- 5340. If such a protest or notice of intervention is re- ceived, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demastrate at the hearing how this matter affects their interests.
AS NEWSPAPER AGENCY CORPORATIO	N LEGAL BOOKKEEPER, I CERTIFY T	Professions and/or interveners should be prepared to
ADVERTISEMENT OF BEFORE THE		Interests.
DIV OF OIL-GAS & MINING	WAS PUBLISHED BY THE	Dated this 9th day of August, 2005. STATE OF LITAH
PRINTED IN THE ENGLISH LANGUAG	T LAKE TRIBUNE AND DESERET NEWS	STATE OF UTAH DIVISION OF OIL, GAS & MINING
IN SALT LAKE CITY, SALT LAKE C	· ·	/s/ Gil Hunt 8202UF5D Associate Director
. /		
PUBLISHED START 0	8/13/05 END 08/13/05	
Was: Asen ()		Notary Public
SIGNATURE SIGNATURE		SHERI Z. EAKL
DATE 08/13/05		143 South Main Street Salt Lake City, Utah 84111 My Commission Expires

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU66184 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: o not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. ASHLEY PA A 8. WELL NAME and NUMBER: 1. TYPE OF WELL: OIL WELL 🔀 GAS WELL OTHER ASHLEY FEDERAL 11-13-9-15 9. API NUMBER: 2. NAME OF OPERATOR: 4301332457 Newfield Production Company 3. ADDRESS OF OPERATOR: PHONE NUMBER 10. FIELD AND POOL, OR WILDCAT: CITY Myton Route 3 Box 3630 STATE UT ZIP 84052 435.646.3721 Monument Butte 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1790 FSL 2043 FWL COUNTY: Duchesne OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SW, 13, T9S, R15E STATE: Utah CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION SubDate TYPE OF SUBMISSION TYPE OF ACTION DEEPEN ACIDIZE REPERFORATE CURRENT FORMATION X NOTICE OF INTENT ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL (Submit in Duplicate) CASING REPAIR NEW CONSTRUCTION TEMPORARITLY ABANDON Approximate date work will CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON. VENT OR FLAIR WATER DISPOSAL ■ SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Onginal Form Only) CHANGE WELL STATUS PRODUCTION (START/STOP) WATER SHUT-OFF Date of Work Completion: COMMINGLE PRODUCING FORMATIONS OTHER: -RECLAMATION OF WELL SITE X CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well. TITLE Operations Engineer

DATE 7-29-05

SIGNATURE

NAME (PLEASE PRINT)

David Gerbig

Dules



Duchesne County Planning, Zoning & Community Development 734 North Center Street P.O. Box 317
Duchesne, Utah 84021 (435) 738-1152
Fax (435) 738-5522

August 11, 2005

Mr. Gil Hunt, Associate Director Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

RE: Newfield Production Company Injection Wells (Cause No UIC-324)

Dear Mr. Hunt:

We are in receipt of your notice regarding Newfield Production Company's request to convert five wells, located in Sections 13 and 14, Township 9 South, Range 15 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP

Mike thyde

Community Development Administrator

pc: Mike Guinn, Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

MAH/mah

F:\DATA\PLANNING\MIKE\OGM Correspondence\Newfield Injection Wells6.doc

RECEIVED

AUG 1 2 2005

# DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: N	ewfield Production Company	_ Well:	Ashley 11-13-9-15	
Location:	13/9S/15E	API:	43-013-32457	

Ownership Issues: The proposed well is located on BLM land. The well is located in the Ashley Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Ashley Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 308 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6,031 feet. A cement bond log demonstrates adequate bond in this well up to 924 feet. A 2 7/8 inch tubing with a packer will be set at 4,637 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells in the area of review. All of the wells have evidence of adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1,200 feet. Injection shall be limited to the interval between 3,962 feet and 5,952 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 11-13-9-15 well is .79 psi/ft. which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,013 psig. The requested maximum pressure is 2,013 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Ashley 11-13-9-15 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Ashley Unit August 25, 1998. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

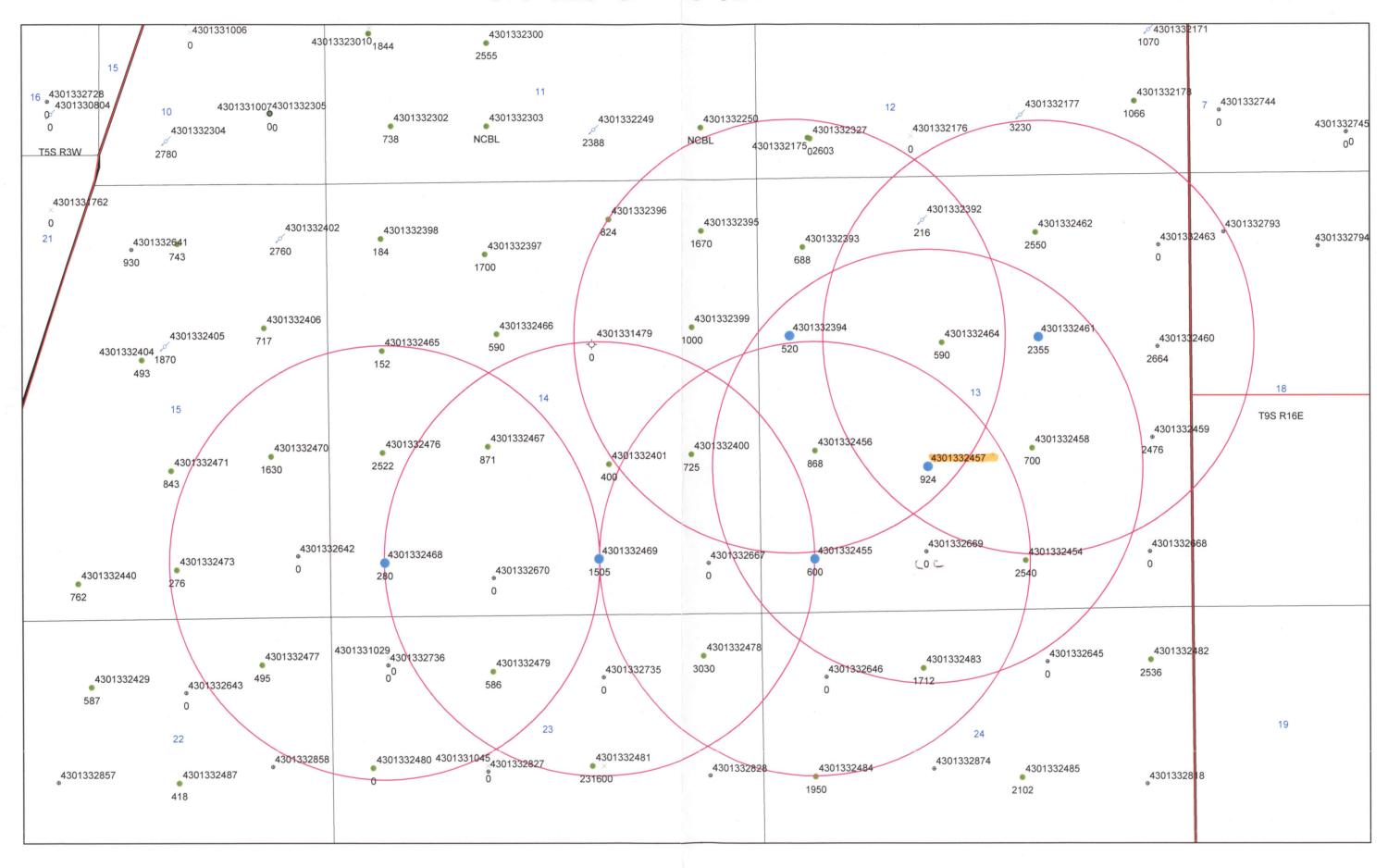
**Bonding:** Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s):	Brad Hill	Date	09/22/2005

# UIC-323 & UIC 324



# STATE OF UTAH DIVISION OF OIL GAS AND MINING

# **INJECTION WELL - PRESSURE TEST**

Well Name: AF 11-13-9-15  Qtr/Qtr: NE/SW Section: 1  Company Name: NEW FIFED  Lease: State Fee_ Inspector: Learns System		3-013-33457 Range: _15€ -66/84 Indian ₩ ३३, ३००-6
Initial Conditions:  Tubing - Rate:  Casing/Tubing Annulus - Pressure:  Conditions During Test:	Pressure:_ psi	<i>450</i> psi
-	Annulus Pressure  1450  1450  1450  1450  1450  1450  1450  1450	Tubing Pressure <u>450</u> <u>450</u> <u>450</u> <u>450</u> <u>450</u> <u>450</u> <u>450</u> <u>450</u> <u>450</u>
Conditions After Test:  Tubing Pressure: 450  Casing/Tubing Annulus Press  COMMENTS: 1414  One of the Conditions After Test:		WIW. Regard test

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU66184 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: o not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. ASHLEY PA A 8. WELL NAME and NUMBER: 1. TYPE OF WELL: OIL WELL X GAS WELL OTHER ASHLEY FEDERAL 11-13-9-15 2. NAME OF OPERATOR: 9. API NUMBER 4301332457 NEWFIELD PRODUCTION COMPANY 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: PHONE NUMBER Monument Butte Route 3 Box 3630 STATE UT ZIP 84052 435.646.3721 CITY Myton 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1790 FSL 2043 FWL COUNTY: Duchesne Utah STATE OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SW, 13, T9S, R15E CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION SubDate TYPE OF SUBMISSION TYPE OF ACTION DEEPEN REPERFORATE CURRENT FORMATION ACIDIZE NOTICE OF INTENT SIDETRACK TO REPAIR WELL ALTER CASING FRACTURE TREAT (Submit in Duplicate) TEMPORARITLY ABANDON CASING REPAIR NEW CONSTRUCTION Approximate date work will OPERATOR CHANGE TUBING REPAIR CHANGE TO PREVIOUS PLANS VENT OR FLAIR CHANGE TUBING PLUG AND ABANDON CHANGE WELL NAME PLUG BACK WATER DISPOSAL ■ SUBSEQUENT REPORT (Submit Original Form Only) X CHANGE WELL STATUS PRODUCTION (START/STOP) WATER SHUT-OFF Date of Work Completion COMMINGLE PRODUCING FORMATIONS OTHER: - Injection Conversion RECLAMATION OF WELL SITE 03/03/2006 X CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well was converted from a producing oil well to an injection well on 3/3/06. On 3/21/06 Dennis Ingram with the State of Utah was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 3/22/06. On 3/22/06 the csg was pressured up to 1450 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 450 psig during the test. There was a State representative available to witness the test. API #43-013-32457

(This space for State use only)

SIGNATURE

NAME (PLEASE PRINT)

Callie Duncan

ear Duececan

TITLE Production Clerk

03/27/2006

# Mechanical Integrity Test Casing or Annulus Pressure Test

# **Inland Production Company**

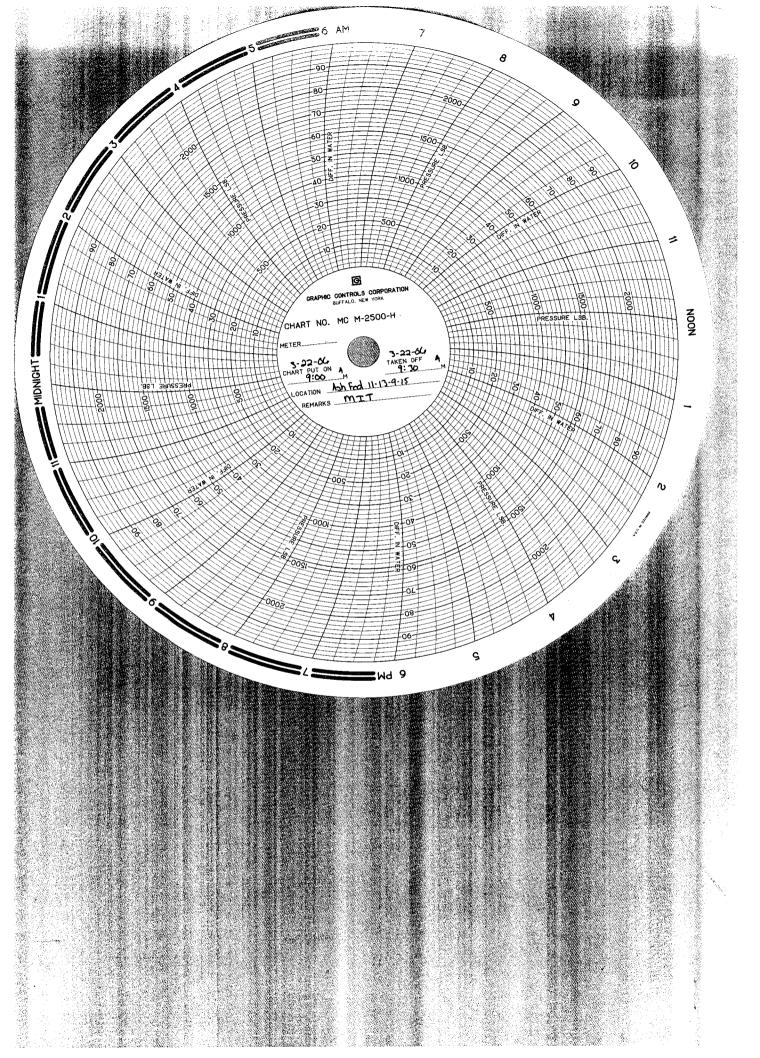
Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: Dennis Tragam  Test Conducted by: Mathew Bertich  Others Present:	Date 3 /22 / 06	Time <u>9:00</u>	am pm
Others Present.			
Well: Ashley Federal 11-13-9-15	Field: Ashky	Unit UTU-7350	ΟΧ
Well Location: NE/SW Scc.13,T95,R15E	API No: 43-01	3-32457	

<u>Time</u>	<b>Casing Pressure</b>	
0 min	1450	psig
5	1450	psig
10	1450	psig
15		psig
20	1450	psig
25		psig
30 min	1450	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig
Tubing pressure:	45 <i>0</i>	psig
Result:	Pass	ail
$\bigcap$	^	

**Signature of Witness:** 

Signature of Person Conducting Test:



FORM 3160-5

# UNITED STATES

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	nary 31 200

SUNDRY Do not use the abandoned week SUBMIT IN TE		NTERI GEMEI RTS C drill o PD) for Pructio	NT ON WELLS r to re-enter ar such proposal	s.	:)	5. Lease Serial UTU66184 6. If Indian, Alle 7. If Unit or CA ASHLEY PA 8. Well Name at ASHLEY FEI 9. API Well No 4301332457	No.  Agree  A  nd No.  DERAI	ment, Name and/or No.
1790 FSL 2043 FWL NE/SW Section 13 T98 R1:	5E					11. County or P  Duchesne, UT	arish, S	State
	APPROPRIATE BOX(E	ES) TO	INIDICATE N	AТU	RE OF NO		THE	R DATA
TYPE OF SUBMISSION		-,			ACTION			
Notice of Intent  Subsequent Report  Final Abandonment Notice  13. Describe Proposed or Completed Opproposal is to deepen directionally of under which the work will be perform involved operations. If the operation Abandonment Notices shall be filed inspection.)  The above referenced well	r recomplete horizontally, give subst med or provide the Bond No. on file or results in a multiple completion or a only after all requirements, including	F N P P P P P P P P P P P P P P P P P P	tions and measured at t/BIA. Required substion in a new interval, tion, have been compl	nd true v equent r a Form .	Reclamati Recomple Temporar Water Dis of any propose vertical depths reports shall b 3160-4 shall b	ily Abandon sposal d work and approxi of all pertinent ma e filed within 30 da the filed once testing	inate di rkers an ys follo has bee	d zones. Attach the Bond wing completion of the m completed. Final
I hereby certify that the foregoing is Name (Printed/Typed) Mandie Crozier Signature	Cugin	OR FE	Title Regulatory Spe Date 04/06/2006  DERAL OR S		E ØFFIC	E USE		
Approved by Conditions of approval, if any, are attack			Title				Date	

certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to a proceed to the United States any false, ficutions and fraudulent statements or representations as to any matter within its jurisdiction

# STATE OF UTAH

DEPARTMENT DIVISION OF	5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-66184					
SUNDRY NOTICES	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for proposals to drill new wells, significantly	7. UNIT or CA AGREEMENT NAME: GMBU					
wells, or to drill horizontal laterals. Use APPLICA	n proposals.	8. WELL NAME and NUMBER:				
OIL WELL GAS WELL	OTHER $WT$			ASHLEY FEDERAL 11-13-9-15		
2. NAME OF OPERATOR;				9. API NUMBER;		
NEWFIELD PRODUCTION COMPANY				4301332457		
3. ADDRESS OF OPERATOR:			PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:		
Route 3 Box 3630 CITY Myton	STATE UT ZIP S	84052	435.646.3721	GREATER MB UNIT		
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1790 FSL 2043 FWL				COUNTY: DUCHESNE		
OTR/OTR. SECTION. TOWNSHIP. RANGE, MERIDIAN: NESW, 1	3, T9S, R15E			STATE: UT		
II. CHECK APPROPRIATE BOXES	TO INDICATE NA	TURE O	F NOTICE, REPO	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYF	PE OF ACTION			
☐ ACIDIZE	П	DEEPEN		REPERFORATE CURRENT FORMATION		
NOTICE OF INTENT (Submit in Duplicate)  ALTER CASING	=	FRACTURE TE	DEAT	SIDETRACK TO REPAIR WELL		
	=			=		
Approximate date work will CASING REPAIR		NEW CONSTR		TEMPORARITLY ABANDON		
CHANGE TO PREVI	OUS PLANS	OPERATOR CI		TUBING REPAIR		
CHANGE TUBING	브	PLUG AND A	BANDON	VENT OR FLAIR		
X SUBSEOUENT REPORT CHANGE WELL NA (Submit Original Form Only)	ME	PLUG BACK		WATER DISPOSAL		
CHANGE WELL STA	ATUS	PRODUCTION	(START/STOP)	WATER SHUT-OFF		
Date of Work Completion: COMMINGLE PROD	UCING FORMATIONS	RECLAMATIC	ON OF WELL SITE	OTHER: - Five Year MIT		
02/11/2011 CONVERT WELL TO	PE	RECOMPLETE	- DIFFERENT FORMATION			
12. DESCRIBE PROPOSED OR COMPLETED OPERATION On 02/07/2011 Dennis Ingram with the State 02/11/2011 the casing was pressured up to 1 during the test. The tubing pressure was 184	of Utah DOGM was co 225 psig and charted fo	ntacted co or 30 minu	oncerning the 5 Year I	MIT on the above listed well. On loss. The well was not injecting		
API# 43-013-32457				COPY SENT TO OPERATOR		
		Acc Uta Oil, ate:	cepted by the ah Division of Gas and Mining	Date: 3 -7 - 2011		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto  SIGNATURE Ruce; Deg Ho			ITLE Administrative Assis	stant		

(This space for State use only)

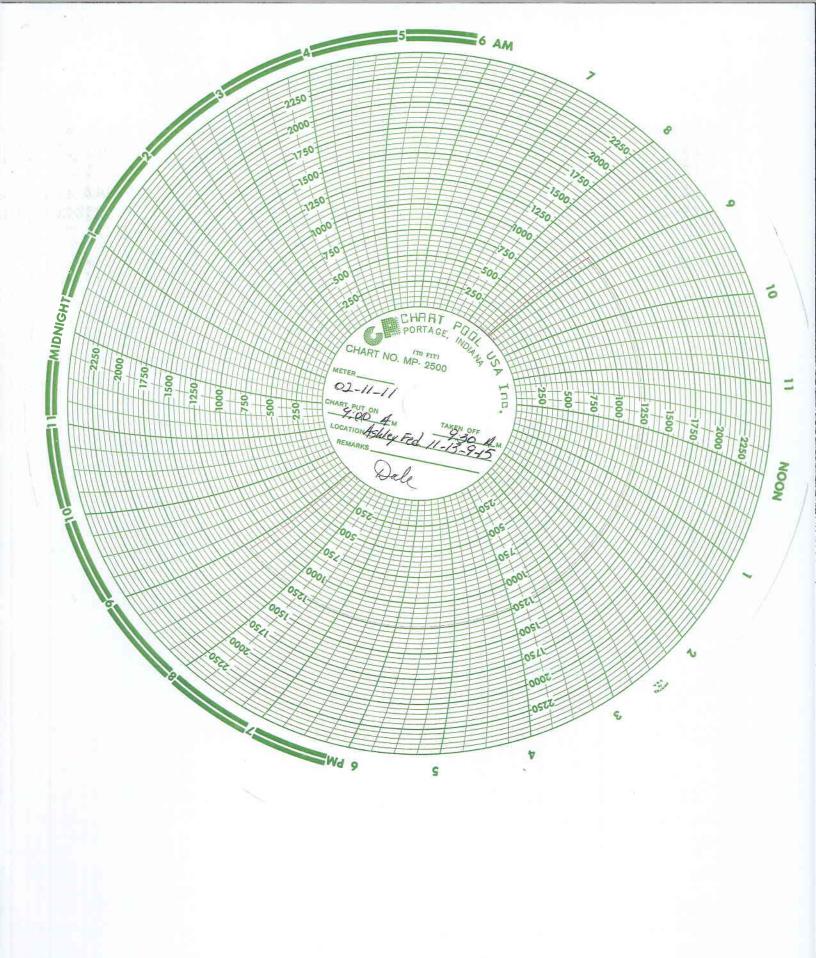
RECEIVED FEB 2 2 2011

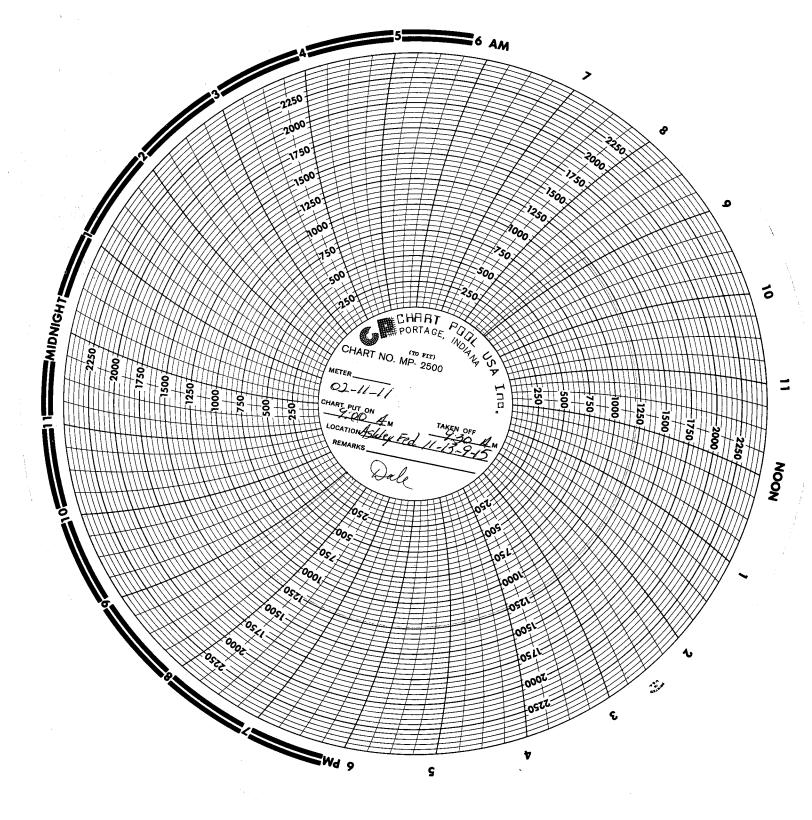
# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness:	•	Date <u>6</u> 괴 <u>//                                  </u>	7 Time <u>9:00</u> @mpn
Test Conducted by:	Dale G		
Others Present:			
	,		
Well: Ashley Fed	eral 11-13-	9-15 Field: MC	Drument Butter
Wall Lagring	. *		ı
NE/SW Sec.	3,795, RISE	43-	013-32457
	<u>Time</u>	Casing Pressure	<b>;</b>
		- 0.5	
	0 min	1325	_ psig
	5	1325	_ psig
	10	/225	_ psig
	15	1335	_ psig
	20 _	1225	_ psig
	25	1225	psig
	30 min	1525	_ psig psig
	40		•
	45		psig psig
	50		_ psig psig
•	 55		psig
	60 min		psig
			. Poig
Tub	ing pressure:	1846	psig
			ž:
	Result:	Pass	Fail

**Signature of Person Conducting Test:** 







### State of Utah

# Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R BAZA
Division Director

JON M. HUNTSMAN, JR.

Governor

GARY R. HERBERT Lieutenant Governor

Sept. 22, 2005

Newfield Production Company 410 Seventeenth Street, Suite 700 Denver, Colorado 80202

Re: Ashley Unit Well: Ashley Federal 11-13-9-15, Section 13, Township 9
South, Range 15 East, Duchesne County, Utah

#### Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt

**Associate Director** 

cc: Dan Jackson, Environmental Protection Agency

Bureau of Land Management, Vernal Newfield Production Company, Myton FORM 3160-5 (September 2001)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

· · · · · · · · · · · · · · · · · · ·					5. Lease Serial No.		
SUNDRY NOTICES AND REPORTS ON WELLS					UTU66184		
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name.		
abalituolleti Well. Use Form 5180-5 (APD) for such proposals.							
SUBMIT IN T	RIPLICATE - Other Inst	ructions on reverse s	ide	7 If Unit or CA/	Agreement, Name and/or No.		
		*****	•				
1. Type of Well				ASHLEY PA A			
	Other Injection well			8. Well Name and	d No		
2. Name of Operator		• • • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	4	ERAL 11-13-9-15		
NEWFIELD PRODUCTION CO	MPANY			9. API Well No.			
3a. Address Route 3 Box 3630	4	3b. Phone No. (include ar	e code)	4301332457			
Myton, UT 84052		435.646.3721			ol, or Exploratory Area		
4. Location of Well (Footage, Sec	., T., R., M., or Survey Description	on)		Monument Butte			
1790 FSL 2043 FWL				11. County or Par	rish, State		
NE/SW Section 13 T9S R1	5E						
				Duchesne,UT			
12. CHECK	APPROPRIATE BOX(E	S) TO INIDICATE N	ATURE OF N	OTICE, OR OT	THER DATA		
		<del></del>					
TYPE OF SUBMISSION		1 Y Ł	E OF ACTION				
<b>–</b>	Acidize	Deepen Deepen	Production	n(Start/Resume)	Water Shut-Off		
Notice of Intent	Alter Casing	Fracture Treat	Reclamat	ion	Well Integrity		
X Subsequent Report	Casing Repair	New Construction	Recomple	ete	X Other		
2 Dubbedum Teoport	Change Plans	Plug & Abandon	•	ily Abandon	Change Status, Put Well		
Final Abandonment Notice	Convert to Injector	Plug Back	Water Dis	•	on Injection		
	7		<del></del>				
The above referenced well	was put on injection at 1:0	0 p.m. on 4/4/06.					
	TI TO THE PARTY OF						
I hereby certify that the foregoing is	true and correct	Title					
Name (Printed/Typed) Mandie Crozier		Regulatory Spec	ialist				
Signature		Date			· · · · · · · · · · · · · · · · · · ·		
VI Charlie	(MA in	04/06/2006					
PHIS SPACE FOR FEDERAL OR STATE OFFICE USE							
	THIS SPACE FO	K PEDEKAL OK SI	AIL OFFIC	L USE			
		Title		Dat	e		
Conditions of approval, if any, are attached certify that the applicant holds legal or ed							
which would entitle the applicant to could		ect lease Office	:				
Title 18 U.S.C. Section 1001 and Title 43		e for any person knowingly and	willfully to make to		f the United		
States any false, fictitious and fraudulent	statements or representations as to an	y matter within its jurisdiction	Ť	THULIV	/ <b>L-</b> J		

(Instructions on reverse)

APR 07 2006

#### Spud Date: 01/20/05

# ASHLEY FEDERAL 11-13-9-15

Put on Production: 03/01/2005

GL: 6157' KB: 6169'

Injection Wellbore Diagram

Initial Production: 85BOPD, 254MCFD, 18BWPD

#### FRAC JOB SURFACE CASING CSG SIZE: 8 5/8" GRADE: J-55 02/23/05 5746'-5933' Frac BSSD, CP5,CP4,CP3 sands as follows: 39,925#'s of 20/40sand in 389 bbls lightning WEIGHT: 24# 17 frac fluid. Treated @ avg press of 1790, w/avg rate of 24 7 bpm. ISIP 2025 psi. Calc flush: 5744 gal. Actual flush: 5783 gal. LENGTH 7 jts. (298 09') DEPTH LANDED: 308.09' KB Cement Top @ 150° 02/23/05 5572'-5583' Frac CP1 sands as follows: HOLE SIZE: 12 1/4" 20,108#'s of 20/40 sand in 256 bbls lightning 17 frac fluid Treated @ avg press of 2040, w/avg rate of 24 7 bpm ISIP 2050 psi Calc CEMENT DATA: 160 sks Class G Mix. 5 bbls cement to surface flush: 5570 gal. Actual flush: 5586 gal. 02/23/05 5053'-5078' Frac A1 sands as follows: 75,275#'s of 20/40 sand in 567 bbls lightning 17 frac fluid. Treated @ avg press of 1890, w/avg rate of 24.9 bpm ISIP 2200 psi Calc flush: 5051 gal. Actual flush: 5040 PRODUCTION CASING CSG SIZE: 5 1/2" 02/23/05 4881'-4930' Frac B2 and B.5 sands as follows: 34,521#'s pf 20/40 sand in 336 bbls lightning GRADE: J-55 17 frac fluid Treated @ avg press of 1990, w/avg rate of 24.7 bpm. ISIP 2125 psi. Calc WEIGHT: 15.5# flush: 4879 gal. Actual flush: 4914 gal. LENGTH: 143 its. (6032.98') Frac D2 and D1 sands as follows: DEPTH LANDED: 6030.98' KB 02/24/05 4672'-4722' 81,299#'s of 20/40 sand in 587 bbls lightning HOLE SIZE: 7 7/8" 17 frac fluid. Treated @ avg press of 1990 w/avg rate of 24.7 bpm. ISIP2400 psi. Calc CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. flush: 4670 gal. Actual flush: 4578 gal. CEMENT TOP AT: 150' Packer @ 4635' Well converted to an Injection well. 3/3/2006 MIT Completed and submitted. 3/27/2006 4672'-4676' 5/28/09 Marcit Squeeze **TUBING** 4705'-4722' 5 yr MIT 02/11/11 SIZE/GRADE/WT : 2 7/8" / J-55 / 6.5# NO OF JOINTS: 139 jts (4617 60') 4881'-4892' SEATING NIPPLE: 2 7/8" (1.10') 4926'-4930' SN LANDED AT: 4629 60' KB TOTAL STRING LENGTH: 4638-10' w/ 12' KB 5053"-5060" 5068'-5078' 5572'-5583" 5746'-5750' 5781'-5784' PERFORATION RECORD 5844'-5848' 5928'-5933' 02/16/05 4 ISPF 20 holes 5856'-5860' 5856'-5860' 4 JSPF 16 holes 02/16/05 5844'-5848' 4 JSPF 16 holes 02/16/05 5781 '-5784' 4 JSPF 02/16/05 12 holes 02/16/05 5746'-5750' 4 JSPF 16 holes 5572'-5583' 02/23/05 4 JSPF 44 holes 02/23/05 5068'-5078' 4 JSPF 40 holes 02/23/05 5053'-5060' 4 JSPF 28 holes 5928'-5933' 02/23/05 4926'-4930' 4 JSPF 16 holes 02/23/05 4881'-4892' 4 JSPF 44 holes 02/23/05 4705'-4722' 4 JSPF 68 holes PBTD @ 5987'



Ashley Federal 11-13-9-15 1790' FSL & 2043' FWL NE/SW Section 13-T9S-R15E Duchesne Co, Utah API #43-013-32457; Lease #UTU-66184 16 holes

02/23/05

SHOE @ 6031' TD @ 6050'

4672'-4676'

4 ISPF



# State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

### UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-324

**Operator:** 

Newfield Production Company

Well:

Ashley Federal 11-13-9-15

Location:

Section 13, Township 9 South, Range 15 East

County:

Duchesne

API No.:

43-013-32457

Well Type:

Enhanced Recovery (waterflood)

# **Stipulations of Permit Approval**

- 1. Approval for conversion to Injection Well issued on September 22, 2005.
- 2. Maximum Allowable Injection Pressure: 2,013 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (3,962' – 5,952')
- 5. Any subsequent wells drilled within a 1/2 mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

March 29, 2006

**Brad Hill** 

Permitting Manager

Effective Date

BGH/MLR/js

cc: Jill Loyle, Newfield Production Company, Denver Newfield Production Company, Myton Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





June 21, 2005

Mr. Dan Jarvis State of Utah Division of Oil, Gas and Mining Post Office Box 145801 Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well

Ashley Federal #11-13-9-15

Monument Butte Field, Ashley Unit, Lease #UTU-66184

UIC. 324.1

Section 13 -Township 9S-Range 15E

Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #11-13-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley Unit.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

David Gerbig

and Gerly **Operations Engineer** 

RECEIVED

AUG 0 1 2005

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL ASHLEY FEDERAL #11-13-9-15

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

**ASHLEY UNIT** 

**LEASE #UTU-66184** 

**JUNE 21, 2005** 

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# STATE OF UTAH DIVISION OF OIL, GAS AND MINING

#### APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR	Newfield Production Company
ADDRESS	1401 17th Street, Suite 1000
	Denver, Colorado 80202

Well Name and	t numb	er:	Ashley Fe	deral #11-1	3-9-15					
Field or Unit name: Monume			Monument	nt Butte (Green River), Ashley Unit				Lease No. <u>UTU-66184</u>		
Well Location:	QQ .	NE/SW	section	13	_ township	98	_range	15E	_ county	Duchesne
Is this applicati	on for	expansion of	an existing	project?			Yes[X]	No [ ]		
Will the propos	ed we	ll be used for	:	Disposal?	d Recovery?		Yes[]	No [ X ]		
Is this applicati If this application has a casing Date of test: API number:	on is fo test be	or an existing	well,							
Proposed inject Proposed maxi Proposed inject mile of the well	imum i tion zo	njection:		as, and/or Additiona	to pressure [ ] fresh wate  I information any this form.			-5-2 should	]	
List of Attachm	ents: _		Attachmer							
I certify that this Name: Title	David	rt is true and d Gerbig ations Engine	<u>.</u>	the best o	f my knowled _ Signature Date	ge.				_
Phone No. (State use only	(303)	893-0102								
Application app Approval Date	,	by					_Title -			

Comments:

#### ASHLEY FEDERAL 11-13-9-15

Spud Date: 01/20/05 Initial Production: 85BOPD. Proposed Injection 254MCFD, 18BWPD Put on Production: 03/01/2005 Wellbore Diagram GL: 6157' KB: 6169' FRAC JOB SURFACE CASING 02/23/05 5746'-5933' Frac BSSD, CP5,CP4,CP3 sands as follows: CSG SIZE: 8 5/8° 39,925#'s of 20/40sand in 389 bbls lightning 17 frac fluid. Treated @ avg press of 1790, w/avg rate of 24.7 bpm. ISIP 2025 psi. Calc GRADE: J-55 WEIGHT: 24# flush: 5744 gal. Actual flush: 5783 gal. Cement Top @ 150' LENGTH: 7 jts. (298.09°) 02/23/05 5572'-5583' Frac CP1 sands as follows: DEPTH LANDED: 308.09' KB 20,108#'s of 20/40 sand in 256 bbls lightning 17 frac fluid. Treated @ avg press of 2040, w/avg rate of 24.7 bpm. ISIP 2050 psi. Calc HOLE SIZE: 12 1/4" CEMENT DATA: 160 sks Class G Mix. 5 bbls cement to surface. flush: 5570 gal. Actual flush: 5586 gal. 02/23/05 5053'-5078' Frac A1 sands as follows: 75,275#'s of 20/40 sand in 567 bbls lightning 17 frac fluid. Treated @ avg press of 1890, w/avg rate of 24.9 bpm. ISIP 2200 PRODUCTION CASING CSG SIZE: 5 1/2" psi. Cale flush: 5051 gal. Actual flush: 5040 GRADE: J-55 WEIGHT: 15.5# Frac B2 and B.5 sands as follows: 34,521#'s pf20/40 sand in 336 bbls lightning 17 frac fluid. Treated @ avg press of 1990, w/avg rate of 24.7 bpm. ISIP 2125 psi. Calc 02/23/05 4881'-4930' LENGTH: 143 jts. (6032.98') DEPTH LANDED: 6030.98' KB HOLE SIZE: 7 7/8" flush: 4879 gal. Actual flush: 4914 gal. CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. CEMENT TOP AT: 150° 02/24/05 4672'-4722' Frac D2 and D1 sands as follows: 81,299#'s of 20/40 sand in 587 bbls lightning 17 frac fluid. Treated @ avg press of 1990 w/avg rate of 24.7 bpm. ISIP2400 psi. Calc TUBING flush: 4670 gal. Actual flush: 4578 gal. SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5# NO. OF JOINTS: 174 jts (5784') TUBING ANCHOR: 5796' KB NO. OF JOINTS: 1 jts (33.42') SEATING NIPPLE: 2 7/8" (1.10') Packer @ 4637 4672'-4676' SN LANDED AT: 5832.22' KB NO. OF JOINTS: 2 its (66.16') 4705'-4722' TOTAL STRING LENGTH: 5899.93' w/ 12' KB 4881'-4892' 4926'-4930' 5053'-5060' 5068\*-5078 5572'-5583' 5746'-5750' PERFORATION RECORD 57811-5784 02/16/05 5928`-5933' 4 JSPF 20 holes 02/16/05 5856'-5860' 4 JSPF 16 holes 5844"-5848" 02/16/05 5844"-5848" 4 JSPF 16 holes 57811-57841 02/16/05 4 JSPF 12 holes 58561-5860 02/16/05 57461-57501 4 JSPF 16 holes 02/23/05 5572`-5583' 4 JSPF 44 holes 02/23/05 02/23/05 50681-50781 4 JSPF 40 holes 50531-50601 4 ISPE 28 holes 59281-59331 02/23/05 4926`-4930` 4 JSPF 16 holes 02/23/05 4881\*-4892\* 4 JSPF 44 holes 02/23/05 4705~4722 4 JSPF 68 holes NEWFIELD PBTD @ 5987 02/23/05 4672~-4676 4 JSPF 16 holes SHOE @ 6031 Ashley Federal 11-13-9-15 1790' FSL & 2043' FEL TD @ 60501 NE/SW Section 13-T9S-R15E

Duchesne Co, Utah

API#43-013-32457; Lease #UTU-66184

#### WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

# REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
  - 2.1 The name and address of the operator of the project.

Newfield Production Company 1401 17<sup>th</sup> Street, Suite 1000 Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Ashley Federal #11-13-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Ashley Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. In the Ashley Federal #11-13-9-15 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3962' - 5952'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3962' and the Castle Peak top at 5522'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Ashley Federal #11-13-9-15 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a State lease (Lease #UTU-66184) in the Monument Butte (Green River) Field, Ashley Unit, and this request is for administrative approval.

# REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24#, J-55 surface casing run to 308' GL, and 5-1/2" 15.5# J-55 casing run from surface to 6031' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

#### The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1971 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Ashley Federal #11-13-9-15, for existing perforations (4672' - 5933') calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2013 psig. We may add additional perforations between 3962' and 6050'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Ashley Federal #11-13-9-15, the proposed injection zone (3962' - 5952') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-6.

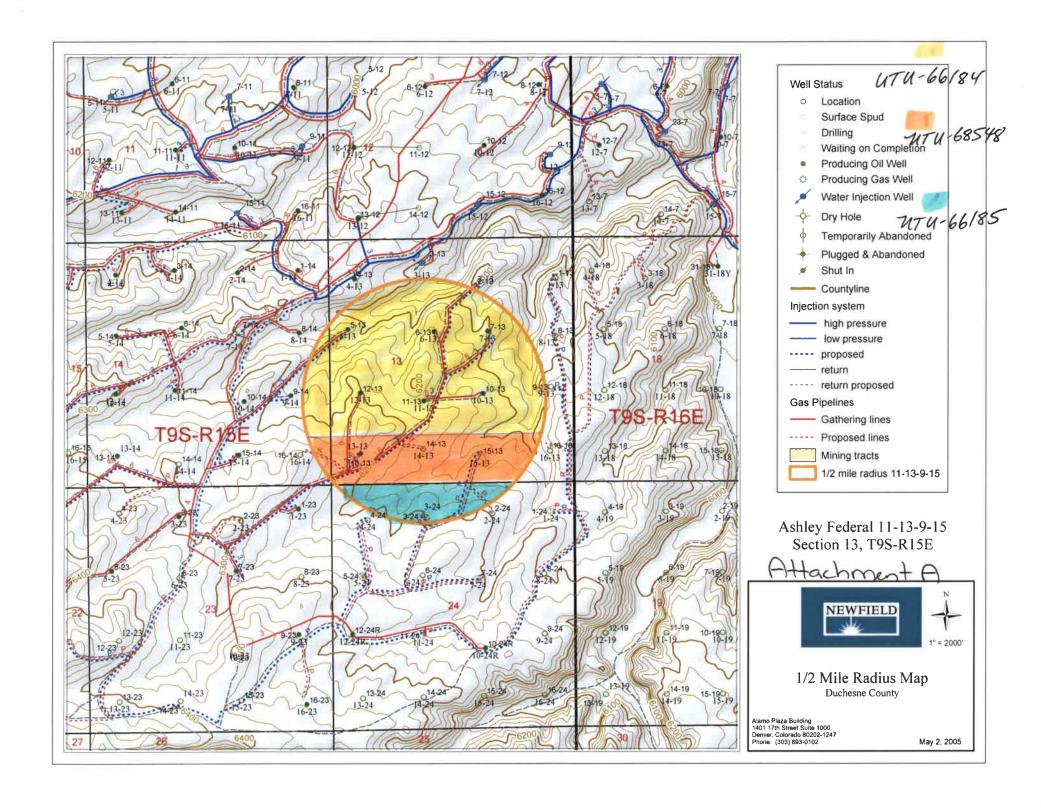
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

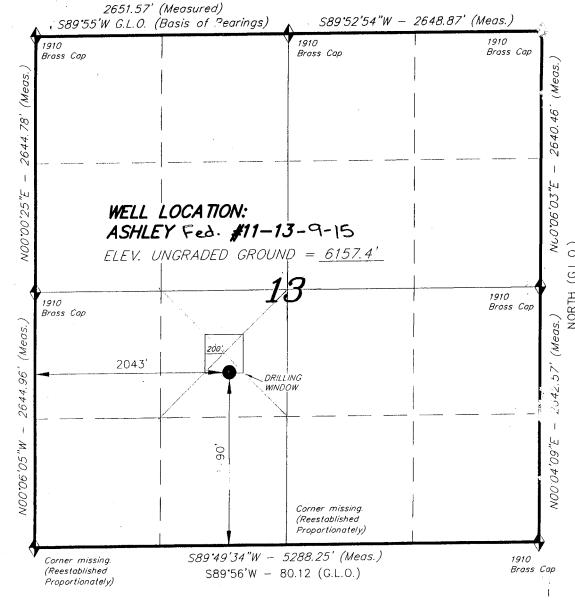
2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



# T9S, R15E, S.L.B.&M.

\$89\*55'W - 80.16 (G.L.O.)



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

## INLAND PRODUCTION COMPANY

WELL LOCATION, ASHLEY Fed. #11-13-9-15 LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 13, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

Attachment A-1

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTICE OF ACTUAL SERVEYS MADE BY ME OR UNDER MY SUBSERVEYSON WID THAT THE SAME ARE TRUE AND CERRECT TO THE REST OF MY KNOWLEDGE AND BEGING No.189377

TOT COMMENTAND CUDIEVING & CONCILL

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078 (435) 781-2501

SCALE: 1'' = 1000' SURVEYED BY: K.G.S.

DATE: 6-10-03 DRAWN BY: R.V.C.

NOTES: FILE #

# EXHIBIT B Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1 .	Township 9 South Range 15 East Section 13: N/2, N/2S/2 Section 14: N/2, N/2S/2 Section 15: Lots 1-3, E/2	UTU-66184 HBP	Newfield Production Company	USA
2	Township 9 South, Range 15 East, SLM Section 13: S/2S/2 Section 14: S/2S/2 Section 15: Lot 4 Section 22: Lot 1, NE/4, E/2NW/4 Section 23: N/2NW/4	UTU-68548 HBP	Newfield Production Company	USA
3	Township 9 South, Range 15 East, SLM Section 22: Lots 2, 3, 4, E/2W/2 Section 23: NE/4NE/4, W/2E/2, S/2NW/4, E/2SW/4 Section 24: N/2N/2 Section 25: All Section 26: NE/4, NE/4NW/4, S/2NW/4, S/2 Section 27: Lots 1, 2, S/2NE/4, E/2NW/4, SE/4	UTU-66185 HBP	Newfield Production Company	USA

#### ATTACHMENT C

#### CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE:	Application for Approval of Class II Injection Well Ashley Federal #11-13-9-15
	certify that a copy of the injection application has been provided to all surface owners within a mile radius of the proposed injection well.
Signed:_	Newfield Production Company David Gerbig Operations Engineer
Sworn to	and subscribed before me this $\frac{39}{4}$ day of $\frac{1}{2}$
Notary F	Public in and for the State of Colorado: Laurio Deseau.
My Con	nmission Expires: My Commission Expires 05/05/2009

#### ASHLEY FEDERAL 11-13-9-15

Spud Date: 01/20/05 Initial Production: 85BOPD. Wellbore Diagram 254MCFD, 18BWPD Put on Production: 03/01/2005 GL: 6157' KB: 6169' FRAC JOB SURFACE CASING 02/23/05 5746'-5933' Frac BSSD, CP5,CP4,CP3 sands as follows: CSG SIZE: 8 5/8 39,925#'s of 20/40sand in 389 bbls lightning 17 frac fluid. Treated @ avg press of 1790, GRADE: J-55 w/avg rate of 24.7 bpm. ISIP 2025 psi. Calc WEIGHT: 24# flush: 5744 gal. Actual flush: 5783 gal. Cement Top @ 150' LENGTH: 7 jts. (298.09') 02/23/05 55721-55831 Frac CP1 sands as follows: DEPTH LANDED: 308.09' KB 20,108#'s of 20/40 sand in 256 bbls lightning HOLE SIZE: 12 1/4" 17 frac fluid. Treated @ avg press of 2040, w/avg rate of 24.7 bpm. ISIP 2050 psi. Calc flush: 5570 gal. Actual flush: 5586 gal. CEMENT DATA: 160 sks Class G Mix. 5 bbls cement to surface. 02/23/05 5053'-5078' Frac A1 sands as follows: 75,275#'s of 20/40 sand in 567 bbls PRODUCTION CASING lightning 17 frac fluid. Treated @ avg press of 1890, w/avg rate of 24.9 bpm. ISIP 2200 psi. Calc flush: 5051 gal. Actual flush: 5040 CSG S1ZE: 5 1/2" GRADE: J-55 WEIGHT: 15 5# LENGTH: 143 jts. (6032.98') 02/23/05 4881\*-4930\* Frac B2 and B.5 sands as follows: 34,521#'s pf 20/40 sand in 336 bbls lightning DEPTH LANDED: 6030.98' KB 17 frac fluid. Treated @ avg press of 1990, w/avg rate of 24.7 bpm. ISIP 2125 psi. Calc flush: 4879 gal. Actual flush: 4914 gal. HOLE SIZE: 7 7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. CEMENT TOP AT: 1503 02/24/05 4672'-4722' Frac D2 and D1 sands as follows: 81,299#'s of 20/40 sand in 587 bbls lightning 17 frac fluid. Treated @ avg press of 1990 4672'-4676' <u>TU</u>BING w/avg rate of 24.7 bpm. ISIP2400 psi. Calc flush: 4670 gal. Actual flush: 4578 gal. 4705'-4722 SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5# NO. OF JOINTS: 174 jts (5784') 4881'-4892' TUBING ANCHOR: 5796' KB 4926'-4930' NO. OF JOINTS: 1 jts (33.42') SEATING NIPPLE: 2 7/8" (1.10') SN LANDED AT: 5832.22' KB 5053"-5060" NO. OF JOINTS: 2 jts (66.16°) TOTAL STRING LENGTH: 5899.93' w/ 12' KB 5068'-5078' SUCKER RODS 5572'-5583 POLISHED ROD: 1 1/2" x 22" 5746'-5750' SUCKER RODS: 1-8', 1-6', 1-4', 2-2' X 3/4" pony rods, 99-3/4" scrapered rods, 116-3/4" plain rods, 10-3/4" scrapered rods, 6-1 1/2" weighted rods. 5781"-5784" PUMP SIZE: 2 1/2" x 1 1/2"x 15.5' RHAC pump w/ SM Plunger STROKE LENGTH: 86" Anchor @ 5796° PUMP SPEED, SPM: 5 SPM LOGS: Open hole, CBL SN @ 5832 PERFORATION RECORD 5844'-5848' 02/16/05 5928'-5933' 4 JSPF 20 holes 5856'-5860' 02/16/05 5856"-5860" 4 JSPF 16 holes 02/16/05 5844' - 5848' 4 JSPF 16 holes 02/16/05 5781'-5784' 4 JSPF 12 holes 5746'-5750' 02/16/05 4 JSPF 16 hotes EOT @ 5900° 02/23/05 5572`-5583` 4 JSPF 44 holes 02/23/05 50681-50781 4 JSPF 40 holes 02/23/05 5053"-5060" 4 JSPF 59281-59331 02/23/05 4926'-4930' 4 JSPF 16 holes 02/23/05 4881 -4892 4 JSPF 44 holes NEWFIELD 02/23/05 4705`-4722` 4 JSPF 68 holes PBTD @ 5987\* 02/23/05 4672'-4676' 4 JSPF SHOE @ 6031 Ashley Federal 11-13-9-15

TD @ 6050

1790' FSL & 2043' FEL

NE/SW Section 13-T9S-R15E Duchesne Co, Utah API #43-013-32457; Lease #UTU-66184

# Ashley Federal 5-13-9-15

Spud Date: 9/28/04 Initial Production: BOPD, Wellbore Diagram MCFD, BWPD Put on Production: 12/9/04 GL: 6123' KB: 6135' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8° 12/06/04 5554~-5562 Frac CP1 sands as follows: 19,649# 20/40 sand in 395 bbls Lightning GRADE: J-55 Frac 17 fluid. Treated @ avg press of 1869 psi w/avg rate of 24.6 BPM. ISIP 2100 psi. Calc WEIGHT: 24# flush: 5552 gal. Actual flush: 5548 gal. LENGTH: 7 jts. (291.06') 12/06/04 5134\*-5267\* Frac LODC and A3 sands as follows: DEPTH LANDED: 301.06' KB 129,062# 20/40 sand in 911 bbls Lightning HOLE SIZE:12-1/4" Frac 17 fluid. Treated @ avg press of 1549 psi CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf. w/avg rate of 24.6 BPM. ISIP 2100 psi. Calc Cement Top @140' flush: 5132 gal. Actual flush: 5548 gal. 12/06/04 4794\*-4804\* Frac C sands as follows: 34,479# 20/40 sand in 343 bbls Lightning Frac 17 fluid. Treated @ avg press of 1720 psi w/avg rate of 24.6 BPM. ISIP 2040 psi. Calc flush: 4792 gal. Actual flush: 4704 gal. PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 4794' -4804' WEIGHT: 15.5# LENGTH: 145 jts. (6080.65°) DEPTH LANDED: 6058.65' KB 5134'-5141' HOLE SIZE: 7-7/8" CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TOP AT: 460° 5172'-5188' **TUBING** SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 169 jts (5508.73°) 5222'-5230' TUBING ANCHOR: 5520.73' KB NO. OF JOINTS: 1 its (32.63') SEATING NIPPLE: 2-7/8" (1.10') 5259'-5267' SN LANDED AT: 5556.16' KB PERFORATION RECORD NO. OF JOINTS: 2 jts (65.23') 12/03/04 5554'-5562' 4 JSPF 32 holes TOTAL STRING LENGTH: EOT @ 5622.94' W/12 'KB 12/06/04 5259'-5267' 4 JSPF 32 holes 12/06/04 5222'-5230' 4 JSPF 32 holes 12/06/04 5172'-5188' 4 JSPF 64 holes Anchor @ 5521' 12/06/04 5134'-5141' 4 JSPF 28 holes 12/06/04 4794'-4804' 4 JSPF 40 holes SUCKER RODS 55541-55621 POLISHED ROD: 1-1/2" x 22" SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scrapered rods; 106-3/4" plain rods, 100-3/4" scrapered rods. PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC pump w/ SM Plunger STROKE LENGTH: 84" SN @ 5556' PUMP SPEED, SPM: 5 SPM LOGS: DIGL/SP/GR/CAL EOT @ 5623' **NEWFIELD** PBTD @ 6020' Ashley Federal 5-13-9-15 TD/SHOE @ 6060 1916 FNL & 403 FWL SW/NW Sec. 13, T9S R15E Duchesne, County

API# 43-013-32394; Lease# UTU-66184

# Ashley 6-13-9-15

Spud Date: 02/03/05 Initial Production: 22 BOPD, Put on Production: 03/21/05 Wellbore Diagram 129 MCFD, 10 BWPD GL: 6157' KB: 6169' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 03/14/05 5938\*-5958\* Frac CP5 sands as follows: 60,121# 20/40 sand in 495 bbls Lightning GRADE: J-55 17 frac fluid. Treated @ avg press of 2021 psi WEIGHT: 24# w/avg rate of 25.1 BPM. ISIP 2500 psi. Calc flush: 5955 gal. Actual flush: 5964 gal. LENGTH: 7 jts. (295.17') Frac CP3sands as follows: 3/14/05 58061-58141 DEPTH LANDED: 315' KB 29.892# 20/40 sand in 326 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1992 psi w/avg rate of 25.2 BPM. ISIP 2500 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 5814 gal. Actual flush: 5838 gal. 03/14/05 5632'-5637' Frac CP1 sands as follows: Cement Top @ 315'  $20{,}165\#$  20/40 sand in 264 bbls Lightning 17frac fluid. Treated @ avg press of 2280 psi w/avg rate of 25.1 BPM. ISIP 2550 psi. Calc flush: 5634 gal. Actual flush: 5670 gal. 3/15/05 5420 '- 5430' & 5408' - 5414' PRODUCTION CASING Frac LODC sands as follows: CSG SIZE: 5-1/2" 74,581# 20/40 sand in 588 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2548 psi w/avg rate of 25.1 BPM. ISIP 2240 psi. Calc WEIGHT: 15.5# flush: 5411 gal. Actual flush: 5460 gal. LENGTH: 159 jts. (6114.88') DEPTH LANDED: 6112.88' KB 3/15/05 5193 '- 5206' & 5117' - 5125' Frac A3 & A1 sands as follows: HOLE SIZE: 7-7/8"  $65{,}622\#$  20/40 sand in 506 bbls Lightning 17 CEMENT DATA: 304 sxs Prem. Lite II mixed & 465 sxs 50/50 POZ. frac fluid. Treated @ avg press of 2340 psi w/ avg rate of 25.2 BPM. ISIP 2240 psi. Calc CEMENT TOP AT: 315' flush: 5204 gal. Actual flush: 5040 gal. 5117'-5125' TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 5193'-5206 NO. OF JOINTS: 176 its (5863-51') TUBING ANCHOR: 5875.51' KB NO. OF JOINTS: 1 jts (33.42') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5911.73° KB PERFORATION RECORD NO. OF JOINTS: 2 jts (66.89') 3/08/05 5938'-5958' 4 JSPF 80 holes TOTAL STRING LENGTH: EOT @ 5980.17' W/12 'KB 5408'-5414' 3/14/05 5806'-5814' 4 JSPF 32 holes 3/14/05 5632'-5637' 4 JSPF 20 holes 54201-5430 3/14//05 5420°-5430° 4 JSPF 40 holes 5408`-5414` 4 JSPF 24 holes 3/15/05 5193'-5206' 4 JSPF SUCKER RODS 52 holes 3/15/05 5117'-5125' 4 JSPF 5632"-5637" POLISHED ROD: 1-1/2" x 22" SUCKER RODS: 6-1-5/8" weight bars; 10-3/4" scrapered rods; 120-3/4" plain rods, 100-3/4" scrapered rods, 1-8',1-6', 1-4' x 3/4" pony rods. PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC pump w/ SM Plunger 5806'-5814' STROKE LENGTH: 86" PUMP SPEED, SPM: 5 SPM LOGS: DIG/SP/GR Anchor @ 5876 SN @ 5911' 59381-59581 EOT @ 5980 NEWFIELD PBTD @ 6009 Ashley 6-13-9-15 SHOE/TD @ 6161 1992` FNL & 2268' FWL SENW Section 13-T9S-R15E Duchesne Co, Utah API #43-013-32464; Lease #UTU-66184

### ASHLEY FEDERAL 7-13-9-15

Spud Date: 01/31/05 Initial Production: 38BOPD. Wellbore Diagram 11MCFD, 91BWPD Put on Production: 03/10/2005 GL: 6100' KB: 6112' FRAC JOB SURFACE CASING 3/7/05 5724-5772 Frac CP3 sands as follows: 48,681#'s of 20/40sand in 438 bbls lightning CSG SIZE: 8 5/8" 17 frac fluid. Treated @ avg press of 1475, w/avg rate of 24.8 bpm. ISIP 2050 psi. Calc GRADE: J-55 WEIGHT: 24# flush: 5724 gal. Actual flush: 5720 gal LENGTH: 7 jts. (305.25') Cement Top 160' 3/7/05 5366-5377 Frac LODC sands as follows: DEPTH LANDED: 315.25' KB 28,621# 's of 20/40 sand in 322 bbls lightning 17 frac fluid. Treated @ avg press of 2385, w/avg rate of 24.8 bpm. ISIP 2800 psi. Calc HOLE SIZE: 12 1/4" CEMENT DATA: 160 sks Class G Mix. 3 bbls cement to surface flush: 5366 gal. Actual flush: 5376 gal 3/7/05 4950-4968 Frac B2 sands as follows: 39,077#'s of 20/40 sand in 369 bbls lightning 17 frac fluid. Treated @ avg press PRODUCTION CASING of 1752, w/avg rate of 24.7 bpm. ISIP 2200 CSG SIZE: 5 1/2" psi. Calc flush: 4950 gal. Actual flush: 4998 GRADE: J-55 WEIGHT: 15.5# LENGTH: 144 jts. (6044.91') 3/7/05 4774-4780 Frac D3 sands as follows: 19,199#'s pf 20/40 sand in 324 bbls lightning 17 frac fluid. Treated @ avg press of 1880, w/avg rate of 24.7 bpm. ISIP 2200 psi. Calc DEPTH LANDED: 6042.91' KB HOLE SIZE: 7 7/8" flush: 4774 gal. Actual flush: 4788 gal. CEMENT DATA: 350 sxs Prem. Lite II mixed & 558 sxs 50/50 POZ mix. CEMENT TOP AT: 160° 3/7/05 4133-4194 Frac GB4 & 6 sands as follows: 48,627#'s of 20/40 sand in 386 bbls lightning 17 frac fluid. Treated @ avg press of 1752 w/avg rate of 24.7 bpm. ISIP 1980 psi. Calc flush: 4133 gal. Actual flush: 4032 gal. TUBING 4133-4140° 4188-4194° SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5# NO. OF JOINTS: 170 jts (5678.33') TUBING ANCHOR: 5690.33' KB NO. OF JOINTS: 3 its (100.25') SEATING NIPPLE: 2 7/8" (1.10') SN LANDED AT: 5793.38' KB NO. OF JOINTS: 2 jts (66.85') 4774-4780 TOTAL STRING LENGTH: 5861.78' w/ 12' KB 4950-4868 SUCKER RODS POLISHED ROD: 1 1/2" x 22" SUCKER RODS: 1-2', X 3/4" pony rods,100-3/4" scrapered rods, 115-3/4" plain rods, 10-3/4" scrapered rods, 6-1 1/2" weighted rods. <del>-</del> 5366-5377' PUMP SIZE: 2 1/2" x 1 1/2"x 14' RHAC pump w/ SM Plunger STROKE LENGTH: 86" PUMP SPEED, SPM: 6 SPM LOGS: Open hole, CBL Anchor @ 5690' PERFORATION RECORD **5724-5748** 2/25/05 5766' - 5772' 4 JSPF 24 holes 5766-5772 2/25/05 5724'-5748' 4 JSPF 96 holes 3/7/05 3/7/05 5366'-5377' 4 JSPF 44 holes SN @ 5793 4950'-4868' 4 JSPF 72 holes 3/7/05 4774'-4780' 4 JSPF 24 holes EOT @ 5862 4188'-4194' 4 JSPF 24 holes 3/7/05 4133~-4140\* 4 JSPF NEWFIELD PBTD @ 5986° SHOE @ 6043 Ashley Federal 7-13-9-15 TD @ 6055' 1998' FNL & 1856' FEL SW/NE Section 13-T9S-R15E Duchesne Co, Utah MC 7/5/05 API #43-013-32461; Lease #UTU-66184

# Ashley Federal 10-13-9-15

Spud Date: 2/3/2005 Initial Production: BOPD, Put on Production: 03/4/2005 Wellbore Diagram MCFD, BWPD GL: 6115' KB: 6127' FRAC JOB 02/28/05 5852-5922 Frac BS & CP5 sands as follows: SURFACE CASING 64,491# 20/40 sand in 526 bbls Lightning CSG SIZE: 8-5/8" 17 frac fluid. Treated @ avg press. of 1928 w/ avg rate of 24.6 bpm. ISIP 2180. GRADE: J-55 Cale flush: 5850 gal. Actual flush: 5880 gal. WEIGHT: 24# 03/01/05 5680-5724 Frac CP3 sands as follows: LENGTH: 7 jts. (301') 69,786# 20/40 sand in 558 bbls Lightning 17 frac fluid. Treated @ avg press. of DEPTH LANDED: (311') 1682 w/ avg rate of 24.5 bpm. ISIP 2100. HOLE SIZE:12-1/4" Cale flush: 5678 gal. Actual flush: 5712 gal. CEMENT DATA: 160 sxs class "G", 3 bbls cmt to 03/01/05 5463-5564 Frac CP1 & LODC sands as follows: 94,982# 20/40 sand in 698 bbls Lightning 17 frac fluid. Treated @ avg press. of Cement top @ 450° 1742 w/ avg rate of 24.8 bpm. ISIP 2230. Calc flush: 5461 gal. Actual flush: 5502gal. Frac LODC sands as follows: 03/01/05 5322-5333 PRODUCTION CASING 59,881# 20/40 sand in 491 bbls lightning 17 frac fluid. Treated @ avg press, of 2170 w/ avg rate of 24.8bpm ISIP 2430. CSG SIZE: 5-1/2' GRADE: J-55 Cale flush: 5320 gal. Actual Flush: 5334 gal. WEIGHT: 15.5# 03/01/05 5196-52213 Frac LODC sands as follows: LENGTH: 143 jts. (6025.2') 29,366# 20/40 sand in 332 bbls lightning 17 frac fluid. Treated @ avg press. of DEPTH LANDED: (6023.2') 2258 w/ avg rate of 14.4 bpm. ISIP 3350. Cale flush: 5194 gal. Actual Flush: 5208 gal. HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Premlite II & 400 sxs 50/50 POZ. 03/01/05 4978-5056 Frac A.5 & A1 sands as follows: CEMENT TOP AT: 450° 75,155# 20/40 sand in 564 bbls lightning 17 frac fluid. Treated @ avg press. of 1849 w/avg rate of 24.8bpm ISIP 2000. Calc flush: 4976 gal. Actual Flush: 4756 gal. TUBING 03/02/05 4671-4722 Frac D2 & D3 sands as follows: SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# 62,583# 20/40 sand in 476 bbls lightning 17 frac fluid. Treated @ avg press. of NO. OF JOINTS: 176 jts (5773.69') 1720 w/ avg rate of 24.7bpm ISIP 2100. Calc flush: 4669 gal. Actual Flush: 4578 gal. TUBING ANCHOR: 5785.693 NO. OF JOINTS: 1 jt (32.58') 4671-4676 SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5821.07° KB 4709-4722 NO. OF JOINTS: 2 jts (66.74') TOTAL STRING LENGTH: EOT @ 5889.36' 4978-4984 5042-5056 5196-5203 SUCKER RODS 5216-52211 POLISHED ROD: 1-1/2" x 22' SM 5322-5333' SUCKER RODS: 6-1 1/2" weight bars; 10- 3/4" scrapered rods; 116-3/4" plain rods; 100-3/4" scrapered rods; 1-8',1-6',& 1-4'x 3/4" PERFORATION RECORD pony rods. 5463-5476 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC 2/22/2005 5915-5922 4 SPF 28 holes STROKE LENGTH: 83" 2/22/2005 5852-5864\* 4 SPF 48 holes Anchor @ 5522 2/28/2005 5720-5724° 4 SPF 16 holes PUMP SPEED: 6 SPM 5544-5564 2/28/2005 5680-57003 4 SPF 80 holes LOGS: DIL/SP/GR/CAL/CNL/LDT/Sonic 3/01/2005 5544-5564" 4 SPF 80 holes 5680-5700° 3/01/2005 5463-5476 4 SPF 52 holes 5720-5724 3/01/2005 5322-53331 4 SPF 44 holes SN @ 5821' 5852-5864 3/01/2005 5216-52211 4 SPF 20 holes EOT @ 5889 3/01/2005 5196-5203° 4 SPF 28 holes 3/01/2005 5042-50563 4 SPF 56 holes 5915-59221 3/01/2005 4978-4984 4 SPF 24 holes NEWFIELD 3/01/2005 4709-47223 4 SPF 52 holes 3/01/2005 4671-46761 20 holes PBTD @5983 Ashley Federal 10-13-9-15 SHOE @ 6023 1938' FSL & 1967' FEL TD @ 6038 NW/SE Section 13-T9S-R15E Duchesne Co, Utah

API #43-013-32458; Lease #UTU-66184

KK 03 24/05

# Ashley Federal 12-13-9-15

Spud Date: 01/19/05 Initial Production: 60 BOPD, 108 MCFD, 9 BWPD Wellbore Diagram Put on Production: 02/22/2005 GL: 6196' KB: 6208' FRAC JOB SURFACE CASING 02/15/05 5280\*-5304\* Frac LODC sands as follows: CSG SIZE: 8 5/8' 84,834#'s of 20/40sand in 651 bbls lightning 17 frac fluid. Treated @ avg press of 2299 GRADE: J-55 psi, w/avg rate of 24.8 bpm. ISIP 2670 psi. WEIGHT: 24# Cale flush: 5278 gal. Actual flush: 5292 gal. LENGTH: 7 jts. (297.93') 02/15/05 5156\*-5186\* Frac LODC sands as follows: 49,899#'s of 20/40 sand in 422 bbls lightning DEPTH LANDED: 307.93' KB 17 frac fluid. Treated @ avg press of 1765 HOLE SIZE: 12 1/4" psi, w/avg rate of 14.4 bpm. ISIP 2140 psi. CEMENT DATA: 150 sks Class "G" Mix. Est 5 bbls cement to the pit Cale flush: 5154 gal. Actual flush: 5166 gal. 02/15/05 4940\*-4960\* Frac B2 sands as follows: Cement Top @ 590' 79,587#'s of 20/40 sand in 595 bbls PRODUCTION CASING lightning 17 frac fluid. Treated @ avg press of 1670 psi, w/avg rate of 14.5 bpm. ISIP 1990 psi. Calc flush: 4938 gal. Actual flush: CSG SIZE: 5 1/2' 4956 gal. GRADE: J-55 WEIGHT: 15.5# 02/16/05 4750\*-4757\* Frac D3 sands as follows: LENGTH: 144 jts. (6053.4') 37,909#'s of 20/40 sand in 350 bbls lightning DEPTH LANDED: 6051.4' KB 17 frac fluid. Treated @ avg press of 1613 HOLE SIZE: 7 7/8" psi, w/avg rate of 14.1 bpm. ISIP 2000 psi. Calc flush: 4748 gal. Actual flush: 4662 gal. CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. CEMENT TOP AT: 590 TUBING SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5# NO. OF JOINTS: 168 jts (5250.31') TUBING ANCHOR: 5262.31' KB NO. OF JOINTS: 2 jts (62.40') SEATING NIPPLE: 2 7/8" (1.10') SN LANDED AT: 5327.51' KB 4750'-4757 NO. OF JOINTS: 2 jts (62.38') TOTAL STRING LENGTH: 5391.44' w/ 12' KB \$ 4940'-4960' SUCKER RODS POLISHED ROD: 1 1/2" x 22 5156'-5166' SUCKER RODS: 1-8', 1-6', 2-4' x 3/4" pony rods, 99-3/4" scrapered rods, 97-3/4" plain rods, 10-3/4" scrapered rods, 6-1 1/2" weighted rods. 5176'-5186' PUMP SIZE: 2 1/2" x 1 1/2"x 15.5' RHAC pump w/ SM Plunger STROKE LENGTH: 86" Anchor @ 5262 PUMP SPEED, SPM: 5 SPM LOGS: CBL = 5280`-5304` PERFORATION RECORD SN @ 5327 02/11/05 52801-53041 4 JSPF 02/15/05 51761-51861 4 JSPF 40 holes 02/15/05 5156'-5166' 4 JSPF 40 holes 4940 - 4960 4 JSPF 80 holes 02/15/05 47501-47571 4 JSPF EOT @ 5391° NEWFIELD PBTD @ 6007 SHOE @ 6051 Ashley Federal 12-13-9-15 1984' FSL & 658' FWL TD @ 6075 NW/SW Section 13-T9S-R15E Duchesne Co. Utah

API #43-013-32456; Lease #UTU-66184

# Ashley Federal 13-13-9-15

Spud Date: 12/15/04 Initial Production: 22 BOPD, 92 MCFPD. 14 BWPD Put on Production: 02/16/05 Wellbore Diagram GL: 6209' KB: 6221' FRAC JOB SURFACE CASING Frac Bsh, CP5 and CP3 sand as follows: 02/11/05 5709\*-5928\* CSG SIZE: 8-5/8" 25.175#'s of 20/40 sand in 301 bbls GRADE: J-55 lightning 17 frac fluid. Treated w/avg press of 1946 psi, w/avg rate of 24.9 bpm. ISIP 2025 psi. Cale flush: 5707 gal. Actual flush: WEIGHT:24# LENGTH: 7 jts. (301.65') 5670 gal. DEPTH LANDED: 311.65° 02/11/05 5384"-5476" Frac LODC sand as follows: HOLE SIZE: 12-1/4" 20,593#'s of 20/40 sand in 212 bbls lightning 17 frac fluid. Treated w/avg press of 3286 psi, w/avg rate of 24.5 bpm. Screened out CEMENT DATA: 150 sks Class "G" cement, est. 3 bbls cement to surface 02/11/05 5033'-5041' Frac A1 sand as follows: 35,788#'s of 20/40 sand in 343 bbls lightning 17 frac fluid. Treated w/avg press of 2141 psi, w/ avg rate of 24.8 bpm. ISIP 2280 Cement top @ 160' psi. Calc flush: 5031 gal. Actual flush: 5040 PRODUCTION CASING 02/11/05 4558'-4568 Frac DS2 sand as follows: CSG SIZE: 5-1/2' 30,496#'s of 20/40 sand in 299 bbls lightning 17 frac fluid. Treated w/avg press of 2007 psi GRADE: J-55 w/avg rate of 24.8 bpm. 1SIP 2250 psi. Calc flush: 4557 gal. Actual flush: 4536 gal. WEIGHT: 15.5# LENGTH: 143 its. (6033.78') 02/11/05 4184'-4191' Frac GB6 sand as follows: DEPTH LANDED: 6031.78' KB 23,380#'s of 20/40 sand in 238 bbls lightning 17 frac fluid. Treated @ w/avg press of 2114 psi, w/avg rate of 24.9 bpm. ISIP 2000 psi. Calc flush: 4182 gal. Actual flush: 4116 gal. HOLE SIZE: 7-7/8" CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix 4184'-4191 SIZE/GRADE/WT.: 2 7/8" - 6.5# - J-55 4558'-4568' NO. OF JOINTS: 182 jts. (5772.66') TUBING ANCHOR: 5784.66' KB 5033'-5041' NO. OF JOINTS: 1 jt. (31.44') SN LANDED AT: 1.10' (5818.90') NO. OF JOINTS: 2 jts. (63.63°) TOTAL STRING LENGTH: 5884.08' w/ 12' KB 5384'-5390' 5468'-5476' SUCKER RODS POLISHED ROD: 1 1/2" x 22" SUCKER RODS: 1-8', 1-6', 1-4' X 3/4" pony rods, 98-3/4" scrapered rods, 118-5709`-5714` PERFORATION RECORD 3/4" plain rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods 02/04/05 5922'-5928' 02/04/05 5847'-5854' PUMP SIZE: 2 1/2" x 1 1/2" x 14.5' RHAC w/sm plunger 4 JSPF 28 holes Anchor @ 5785 5709'-5714' STROKE LENGTH: 86" 02/04/05 4 JSPF 20 holes 5468'-5476' 02/11/05 4 JSPF 32 holes PUMP SPEED, SPM: 4.5 SPM 02/11/05 5384'-5390' 4 JSPF 24 holes SN @ 5819 LOGS: CBL 02/11/05 5033\*-5041\* 4 JSPF 32 holes 02/11/05 45581-45681 4 JSPF 40 holes 02/11/05 4184\*-4191\* 5847'-5854' 4 JSPF 28 holes EOT @ 5884 59221-59281 NEWFIELD Ashley Federal 13-13-9-15 PBTD: 5990 665' FSL & 656' FWL SHOE: 60321 SW/SW Section 13-T9S-R15E TD: 6040° Duchesne Co, Utah API 43-013-32455; Lease UTU68548

435 722 5727

P.002/003 F-861

Analytical Laboratory Report for:



### NEWFIELD PRODUCTION COMPANY

Account Representative: Amold, Joe

# **Production Water Analysis**

Listed below please find water analysis report from: JOHNSON WATER LINE, JOHNSON STATION #2 CHARGE PUMP

Lab Test No:

2005400163

Sample Date:

01/10/2005

Specific Gravity: 1.002

TDS: pH:

674 8.20

as: mg/L Cations: 20.00 Calcium (Ca ) 56.00 Magnesium (Mg Sodium (Na) 0.70 Iron 0.00 Manganese (Mn ) mg/L 25: Anions:

Bicarbonate	366	(HCO,)	
Sulfate	100	(80, )	
Chloride	71	(Cľ)	
Gases:			
Carbon Dioxide		(CO <sub>2</sub> )	
Hydrogen Sulfide	0	(H <sub>2</sub> S)	

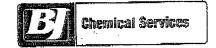
.

NEWFIELD PRODUCTION

Lab Test No: 2005400163

COMPANY

DownHole SAT<sup>™</sup> Scale Prediction @ 50 deg. F

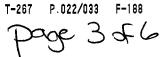


Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	5.02	1.13
Aragonite (CaCO3)	4.41	1.09
Witherite (BaCO3)	. 0	-4.08
Strontianite (SrCO3)		99
Magnesite (MgCO3)	2.13	.628
Anhydrite (CaSO4)	.0183	-369.47
Gypsum (CaSO4*2H2O)	.0429	-249.59
Barite (BaSO4)	0	024
Celestite (SrSO4)	0	-49.8
Silica (SiO2)	0	-28.21
Brucite (Mg(OH)2)	< 0.001	- 737
Magnesium silicate	O	-60.59
Siderite (FeCO3)	11.14	.0732
Halite (NaCl)	< 0.001	-136816
Thenardite (Na2SO4)	< 0.001	-35132
Iron sulfide (FeS)	0	0163

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.



Analytical Laboratory Report for:



# **NEWFIELD PRODUCTION COMPANY**

Account Representative: Arnold, Joe

# **Production Water Analysis**

Listed below please find water analysis report from: Run A, ASHLEY 11-13-9-15 TREATER

Lab Test No:

2005401743

Sample Date:

05/03/2005

Specific Gravity: 1.015

TD\$: pH:

22093

8.20

Cations:	mg/L	as:	
Calcium	160	(Ca <sup>↑↑</sup> )	
Magnesium	48.00	(Mg <sup>tt)</sup>	
Sodium	8280	(Na <sup>*</sup> )	
Iron	50.00	(Fe <sup>™</sup> )	
Manganese	0.60	(Mn <sup>++</sup> )	
Anions:	mg/L_	as:	
Bicarbonate	854	(HCO <sub>3</sub> )	
Sulfate	0	(SO <sub>4</sub> ")	
Chloride	12700	(Ci )	
Gases:			
Carbon Dioxide		(CO <sub>2</sub> )	
Hydrogen Sulfide	0	(H <sub>2</sub> S)	

**NEWFIELD PRODUCTION** 

Lab Test No: 2005401743

COMPANY

# DownHole SAT<sup>™</sup> Scale Prediction @ 130 deg. F



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	24.58	10.47
Aragonite (CaCO3)	20.43	10.37
Witherite (BaCO3)	0	-7.65
Strontianite (SrCO3)	1 0	-2.22
Magnesite (MgCO3)	9.72	8.09
Anhydrite (CaSO4)	0	-655.59
Gypsum (CaSO4*2H2O)	Ŏ	-805.25
Barite (BaSO4)	, <u> </u>	<del>-</del> 7.74
Celestite (SrSO4)	ا م	-181.85
1 '	l n	-79.36
Silica (SiO2)	.00965	-1.67
Brucite (Mg(OH)2)	0	-130.45
Magnesium silicate	7013	12.15
Siderite (FeCO3)	.00133	-191530
Halite (NaCl)	.00100	-58538
Thenardite (Na2SO4)	1 0	00183
Iron sulfide (FeS)	<u> </u>	100100

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

# DownHole SAT(tm) MIXED WATER CHEMISTRY

Page 5 of 6

1) Johnson Water

2) Ash 11-13-9-15

Report Date: 05-04-2005

CATIONS Calcium (as Ca) Magnesium (as Mg) Barium (as Ba) Strontium (as Sr) Sodium (as Na) Iron (as Fe) Manganese (as Mn)	300.00 156.50 0.00 0.00 4140 25.20 0.300	ANIONS Chloride (as Cl) Sulfate (as SO4) Dissolved CO2 (as CO2) Bicarbonate (as HCO3) Carbonate (as CO3) H2S (as H2S)	6600 50.00 12.25 644.41 97.92 0.00
--	--	---	---

#### PARAMETERS

Hq	8.14
Temperature (°F)	130.00
Density(g/mL)	1.00
Pressure (atm)	1.00
Calculated T.D.S.	12038
Molar Conductivity	16070

BJ Chemical Services Roosevelt, Utah

## DownHole SAT(tm) MIXED WATER DEPOSITION POTENTIAL INDICATORS

age 6 of 6

l) Johnson Water

2) Ash 11-13-9-15

Report Date: 05-04-2005

SATURATION LEVEL Calcite (CaCO3) Aragonite (CaCO3) Witherite (BaCO3) Strontianite (SrCO3) Magnesite (MgCO3) Anhydrite (CaSO4) Gypsum (CaSO4*2H2O) Barite (BaSO4) Magnesium silicate Iron hydroxide (Fe(OH)3) Iron sulfide (FeS)	46.49 38.65 0.00 0.00 30.61 0.0145 0.0126 0.00 0.00 186756 0.00	MOMENTARY EXCESS (Lbs/1000 Calcite (CaCO3) Aragonite (CaCO3) Witherite (BaCO3) Strontianite (SrCO3) Magnesite (MgCO3) Anhydrite (CaSO4) Gypsum (CaSO4*2H2O) Barite (BaSO4) Magnesium silicate Iron hydroxide (Fe(OH)3) Iron sulfide (FeS)	7.59 7.56 -6.66 -1.99 6.32 -458.48 -562.15 -1.22 -121.79 < 0.001 >-0.001
SIMPLE INDICES Lan <b>geli</b> er Stiff Davis Index	1.92 2.03	BOUND IONS TOTAL Calcium 300.00 Barium 0.00 Carbonate 97.92 Phosphate 0.00 Sulfate 50.00	254.69 0.00 13.36 0.00

OPERATING CONDITIONS

Temperature (°F) Time (mins)

130.00

3.00

BJ Chemical Services Roosevelt, Utah

Attachment "G"

# Ashley Federal #11-13-9-15 Proposed Maximum Injection Pressure

Erac I	nterval			Calculated Frac		
	eet)	Avg. Depth	ISIP	Gradient		
Top	<b>Bottom</b>	(feet)	(psi)	(psi/ft)	Pmax	
5746	5933	5840	2025	0.79	2013	<b>←</b>
5572	5583	5578	2050	0.80	2038	
5053	5078	5066	2200	0.87	2189	
4881	4930	4906	2125	0.87	2114	
4672	4722	4697	2400	0.95	2390	_
				Minimum	2013	<b>=</b>

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433\*1.005)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.005.

Frac Gradient = (ISIP +(0.433\*Top Perf.))/Top Perf.

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment G-1 page 10f5

Day: 02a

### **DAILY COMPLETION REPORT**

Report Date: 2-24-05

Ashley Federal 11-13-9-15

WELL NAME:

Оре	eration:	C	ompletion	(inmolekin sudektoken mongoposyo		Rig:	Rigles	, 
***************************************		· · · · · · · · · · · · · · · · · · ·		WELL ST	<u>ratus</u>		<del></del>	
Surf Csg:	8-5/8	@ 308'	4004	Prod Csg:	5-1/2" @	6031'	Csg PB7	D: 5940' WL
Tbg:	Size:	Wt		Grd:	Pkr/EOT @	\$50.0 <del>0.00.00.00.00.00.00.00.00.00.00.00.0</del>	BP/Sand PB1	rd:
			F	ERFORATIO	N RECORD			
<u>Zone</u>		<u>Perfs</u>	SPF/#		Zone		<u>Perfs</u>	SPF/#shots
			-					
	MANUS (10				CP-3	5746	- 5750'	4/16
ervels hayandapas as anadaya fi abiqida kunanqiy sacci pasya	********		\$0.5% #3.000000000000000000000000000000000000	Medical desiration and the second sec	CP-4	05 200000000000000000000000000000000000	- 5784'	4/12
	······································		appel messagement	motion of an annual community and a	CP-5	W www.www.www.www.	- 5848'	4/16
**************************************			NOTE NOTE AND ADDRESS OF THE PROPERTY OF THE P	ariddo <del>laddi</del> aridhae <del>an ar aga</del> an	CP-5	44	- 5860'	4/16
**************************************	DIRECTORY ASA		Attendentification	CASSADAN SANTA NASTRANSINA (CICCAS)	BSSD	5928	- 5933'	4/20
			CHR	ONOLOGICA	L OPERATIONS			
Date Wor	k Perfor	med:	2-23-05			SITP:	SIC	P: 30
Starting flu	uid load t	to be recovered: d today:	·	_UID RECOV Starting Oil lost/				
IFL:		ecoverea: FFL:	FTP:	Cum oii Choke:		l Fluid Rate:	Ein	al oil cut:
11 has		~~~~		(A) (A) (A) (A) (A) (A) (A) (A) (A) (A)		r i i i i i i i i i i i i i i i i i i i		ai Oii Cat.
			TION DETAIL	-	_		COSTS	
	10040	Lightning 17	_ Job Type:	Sand '	frac		erford BOP	, \$30
Company:	8	J Services	ow			Weatherfor	d Services	\$650
Procedure	or Equip	oment detail:	BS & CP sd	s down casin	g.	Betts	frac water	\$460
						NF	PC fuel gas	\$120
3192	2 gals of	pad				BJ Services	BS&CPsd	\$17,630
2500	ogals w	1-5 ppg of 20/4	0 sand			NPC	Supervisor	\$70
4763	3 gals w	5-8 ppg of 20/4	0 sand					
Flus	h w/ 578	3 gals of slick w	rater				A Section of the Committee of the Section of the Se	
months of the contract of the	******	d @ blender to ir	*********************************	***************************************	ných propriejem meno jeleje o kontrolem de stanje je je se je je je je je je je je je je je je je			
	COMMUNICATION AND ADDRESS OF THE PERSONS ASSESSMENT		bedriefe setten er er er er er er er er er er er er er	, manual and a second	389 bbls	vorgene middle betreen and a market and a state of the st		protestament accompanies accomplying property
-	****************	SHORMANIEROMANIER	maintain (non-posterior) and a series of the	Prop pmpd:	and the state of t			
	: 2025	5 min:	10 min:	thada) Notesian seconoce	FG: <u>.78</u>	DAILY C	**************************************	\$18,960
Compl	etion Su	pervisor: Ro	on Shuck/Ha	ns		TOTAL WE	LL COST:	\$288,810

page 2 of 5



## DAILY COMPLETION REPORT

WELL NAME: Operation:		Ashley Federal 11-13-9-15		R	eport Date:	2	-24-05		Day: 02b
							Rig: _	Rigless	***************************************
	<del></del> .			WELL S	TATUS				
Surf Csg:	8-5/8	@ 308'	Pro	od Csg:	5-1/2"	@ .	6031'	-	5940' WL
Tbg:	Size:	Wt:	Grd	•	Pkr/E	OT @: ૃ	***************************************	BP/Sand PBTD:	5630'
			PERI	FORATION	ON RECOR	D			
<u>Zone</u>		Perfs	SPF/#sho		Zo			<u>Perfs</u>	SPF/#shots
<del></del>		<del></del>			CP1 s	ds	5572 -		4/44
	***		***************************************		CP-3	***************************************	5746 -		4/16
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx			***************************************		CP-4		474454 <del>94444</del> 5444	5784'	4/12
		······································	44.		CP-5			· 5848' · 5860'	4/16
***************************************	7600		A5 (0,000 - 0,		CP-5 BSSE	***************************************		· 5933'	4/16 4/20
	***					<u></u>	3320 -	. 3933	4/20
				<u> DLOGICA</u>	AL OPERAT	IONS	CITD:	SICD	1/175
Date Work	Perfo	med:	2-23-05		•		SHP:	SICP:	1473
Starting fluid	d load covere	to be recovered: d today:	531 256	O RECO Startin Oil los	VERY (BBL ag oil rec to c t/recovered t	S) late: today:	s pressure o		
Ending fluid IFL:		recovered:	787 FTP:		il recovered		Fluid Rate:	Final	oil cut:
	-		ION DETAIL		-			COSTS	
Base Fluid u	ısed:	Lightning 17	Job Type:	Sand	l frac		Weath	erford BOP	\$30
Company:	,	3J Services	***************************************	***************************************			Weatherfor	d Services	\$2,200
	r Faui	pment detail:	~ CP sds down c	asing			Betts	frac water	\$230
1100000000000	. <b>_</b> qa.			· <b>J</b>		•	NF	PC fuel gas	\$60
1506	gals o	f nad	***************************************			ods. P	***************************************	es CP1 sds	\$7,430
>*************************************		/ 1-5 ppg of 20/4	0 eand				~!! <del>***********************************</del>	Supervisor	\$70
,					**************************************			olf CP1 sds	\$4,200
**************************************		/ 5-8 ppg of 20/4		***************************************		,			
Flusn	W/ 558	36 gals of slick w	'ater				00\$++ <b>0</b> \$+************************************		***************************************
- Aud-ston-PMA-aud-Schools-v-Add-PP	··············								***************************************
30MM/spaceton/order-scorest-sc	,				**************************************			0000MusoSeptigita vidatesta con esconostro carcos comprese y deservo	**************************************
Yar designation and the second and t	*******		iclude 2 bbls pur				**************************************		379-1447-9-1-7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
		1444-00-00-00-00-00-00-00-00-00-00-00-00-	4.7 Total fluid	-	256 bbls				***************************************
	*****************		4.7 Total Pro	p pmpd: ှ		•	חאוו ע ב	OST:	\$14,220
*	2050	5 min:	10 min:		FG: <u>.80</u>	***	DAILY C		
Complet	tion S	upervisor: R	on Shuck/Hans	nadinkaninki			TOTAL WE	TT CO21:	\$303,030

Rigless

Day: 02c



## DAILY COMPLETION REPORT

Ashley Federal 11-13-9-15

Completion

**WELL NAME:** 

Operation:

Report Date:

2-24-05

Rig:

			*	WELL ST	TATUS				
Surf Csg:	8-5/8	' @ 308'	Pi	rod Csg:		@	6031'	Csg PBTD:	5940' WL
Tbg:	Size:		•	*******	***************************************	OT @:		BP/Sand PBTD:	5180'
•		NOTION AND AND AND AND AND AND AND AND AND AN						Plug 5630	l ,
					N RECORI	-			005/4-1-4-
<u>Zone</u>		<u>Perfs</u>	SPF/#sho	<u>ots</u>	<u>Zo</u>			<u>Perfs</u> - 5583'	SPF/#shots 4/44
	<b></b>	***************************************	L- VIO.4559-1-1911-1-1911-1-1911-1-1911-1-1911-1-1911-1-1911-1-1911-1-1911-1-1911-1-1911-1-1911-1-1911-1-1911-1	(Married Married CP1 s CP-3	as	***************************************	- 5750 <b>'</b>	4/16	
	***	o	1933-2933-293-293-294-464-464-464-464-464-464-464-464-464-4		CP-4	<u></u>	\$400000 <del>0000000000000000000000000000000</del>	- 5784'	4/12
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		FFL:	FTP:				Fluid Rate:	Final	oil cut:
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			ION DETAIL	<b>.</b>				COSTS	\$40
		Lightning 17	_ Job Type:	Sand	trac		······································	erford BOP	\$40
Company:	-	BJ Services					***************************************	rd Services	\$2,200
Procedure	or Equ	ipment detail:	A1 sds down d	asing			Bett	s frac water	\$890
			•			« -	N	PC fuel gas	\$220
5796	gals o	of pad				_	BJ Serv	ices A1 sds	\$16,240
30000000000000000000000000000000000000		w/ 1-5 ppg of 20/4	0 sand	***************************************		•	NPC	Supervisor	\$80
***************************************		w/ 5-8 ppg of 20/4				-	Lone \	Volf A1 sds	\$4,200
***************************************		w/ 8 ppg of 20/40				- •			
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	-		4.9 Total flui		567 bbls	<u>.</u> .	×		***************************************
	***************		-	op pmpd:	75,275#'s		DAIIVO	OST	\$23,870
	: 2200	***	10 min:		FG: <u>.87</u>		DAILY C		
Compl	etion S	Supervisor: Ro	on Shuck/Hans	***************************************			IOIAL W	ELL COST:	\$326,900



page 4 of 5

Rigless

Day: 02d

# DAILY COMPLETION REPORT

Report Date:

2-24-05

Rig:

Ashley Federal 11-13-9-15

Completion

**WELL NAME:** 

Operation:

				WELL ST	ATUS	<del></del>		······································	
Surf Csg:	8-5/8' @	308'	Pr	od Csg:		@	6031'	Csg PBT	D: 5940' WL
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D2 sds	4705-		4/68 4/44	<del></del>	CP-4		200000000000000000000000000000000000000	- 5784'	4/12
B.5 sds B2 sds	4881-4 4926-	***************************************	4/16	*********	CP-5	ALLEGO CONTRACTOR OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE	x	- 5848'	4/16
A1 sds	5053-		4/28	************	CP-5			- 5860'	4/16
A1 sds	5068-		4/40	noceondóse	BSSD	(Annaholas) of Angalas (Annaholas) (Annaholas)	*****************************	- 5933' -	4/20
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	recovered toda		36		recovered to	oday: _		944459414141444444	
_	id to be recove	***************************************	<u> </u>		I recovered:	- -	Fluid Rate:	Ein	al oil cut:
IFL:	FFL:		TP:	Choke:		rınaı	riuiu Kate.		
		STIMULATIO	N DETAIL					COSTS	
Base Fluid	l used: Ligl	ntning 17 🐪 🧸	lob Type:	Sand	frac	**	****	erford BOP	\$40
Company:	BJ Se	rvices				40	Weatherfo	rd Services	\$2,200
Procedure	or Equipmen	t detail: B2	2 & B.5 sds c	lown casin	g		Bett	s frac water	\$400
							N	PC fuel gas	\$100
281	4 gals of pad					•	BJ Service	s B2&.5 sd	\$9,850
horam-constraints-mass		ppg of 20/40 s	and		######################################	-	NPC	Supervisor	\$80
320000000000000000000000000000000000000		ppg of 20/40 s					Lone Wolf	B2&B.5 sd	\$4,200
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_	P: <u>1990</u> Avg   P: 2125 5	Rate: <u>24.7</u> min:	10 min:	op pmpd:	FG: .87		DAILY C	OST:	\$16,870
	letion Superv	444344452244444	Shuck/Hans	***************************************		•		ELL COST:	\$343,770
J0p									



page 5 of 5

		DAILY C	OMPLETION	REPORT			
WELL NAME:	Ashley Fede	ral 11-13-9-15	Report	Date: 2	-25-05		Day: 03
Operation:	Co	mpletion	-phonoise		Rig:	Rigl	ess
			WELL STATU	S	<u></u>		
Surf Csg: 8-5/8'	@ 308'		od Csg: 5-1/		6031'	Csg P	BTD: 5940' WL
Tbg: Size:	Wt:	ent .		Pkr/EOT @:		BP/Sand P	
••••	0-00-000000000000000000000000000000000	, 23,9799				Plug	5630' 5180' 4980'
			FORATION RE		,		SDE/#chote
Zone	Perfs	SPF/#shot		Zone CP1 sds	5572 -	<u>Perfs</u> 5583'	SPF/#shots 4/44
	D1 sds 4672-4676' 4/16			CP-3	5746 -		4/16
***************************************	705-4722' 881-4892'	4/68 4/44	wented '	CP-4	5781 -		4/12
	926-4930'	4/16	AND THE PERSON NAMED IN COLUMN 1	CP-5	\$490,000,000,000,000,000,000,000,000,000,	5848'	4/16
	053-5060'	4/28		CP-5	5856 -	5860'	4/16
AND THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPER	068-5078'	4/40		BSSD	5928 -	4/20	
		CHRONO	DLOGICAL OP	ERATIONS			
Date Work Perfor	med:	2-24-05			SITP:	5	SICP: 400
			D RECOVERY	(BBLS)			
Starting fluid load			_				
Fluid lost/recovere	100000000000000000000000000000000000000	100		ec to date:			
Ending fluid to be I		180		ec to date: vered today:			
IF L.		2097	Cum oil reco	ec to date: vered today: overed:			Final oil cut:
	FFL:	2097 FTP:		ec to date: vered today: overed:			Final oil cut:
Base Fluid used:	STIMULA	2097 FTP: TION DETAIL	Cum oil reco	ec to date: vered today: overed:	Fluid Rate:	COST	Final oil cut:
^	STIMULA Lightning 17	2097 FTP:	Cum oil reco	ec to date: vered today: overed:	Fluid Rate:	COST:	Final oil cut: S\$130
Company: E	STIMULA	2097 FTP: TION DETAIL Job Type:	Cum oil reco Choke: Sand frac	ec to date: vered today: overed:	Fluid Rate:	COST: erford BOP rd Services	Final oil cut:  \$\frac{\\$130}{\$2,200}\$
Procedure or Equip	STIMULA Lightning 17 J Services	2097 FTP: TION DETAIL	Cum oil reco Choke: Sand frac	ec to date: vered today: overed:	Fluid Rate:  Weatherfor  Betts	COST erford BOP rd Services frac water	Final oil cut:  S  \$130 \$2,200 \$890
	STIMULA Lightning 17 J Services	2097 FTP: TION DETAIL Job Type:	Cum oil reco Choke: Sand frac	ec to date: vered today: overed:	Fluid Rate:  Weatherfor  Betts	COST: erford BOP rd Services	Final oil cut:  \$\frac{\\$130}{\$2,200}\$
	STIMULA Lightning 17 J Services oment detail:	2097 FTP: TION DETAIL Job Type:	Cum oil reco Choke: Sand frac	ec to date: vered today: overed:	Fluid Rate:  Weather Weatherfor Betts	COST erford BOP rd Services frac water	Final oil cut:  S  \$130 \$2,200 \$890
Procedure or Equip	STIMULA Lightning 17 J Services oment detail:	2097 FTP: TION DETAIL Job Type: D2 & D1 sds do	Cum oil reco Choke: Sand frac	ec to date: vered today: overed:	Weather Weatherfor Betts  NF BJ Service	COSTS erford BOP of Services frac water PC fuel gas	Final oil cut:  \$\frac{\$130}{\$2,200} \\ \$890 \\ \$220 \\ \$10,845
5796 gals of 3944 gals w	STIMULA Lightning 17 J Services coment detail:	Z097 FTP: TION DETAIL Job Type: D2 & D1 sds do	Cum oil reco Choke: Sand frac	ec to date: vered today: overed:	Weather Weatherfor Betts  NF BJ Service	COST: erford BOP ed Services frac water PC fuel gas es D2&1 sd	Final oil cut:  \$\frac{\$130}{\$2,200} \\ \$890 \\ \$220 \\ \$10,845
5796 gals of 3944 gals w 7872 gals w	STIMULA Lightning 17 J Services pment detail: pad 1-5 ppg of 20/4	2097 FTP: TION DETAIL Job Type: D2 & D1 sds do	Cum oil reco Choke: Sand frac	ec to date: vered today: overed:	Weather Weatherfor Betts NF BJ Service NPC Lone Wo	COSTS erford BOP ed Services frac water PC fuel gas es D2&1 sd Supervisor	\$130 \$2,200 \$890 \$220 \$10,845 \$300 \$4,240

587 bbls

FG: .94

DAILY COST:

TOTAL WELL COST:

\$19,225

\$362,995

Total fluid pmpd:

10 min: \_\_\_\_

24.7 Total Prop pmpd: 81,299#'s

24.9

Max TP: 2200 Max Rate:

Avg TP: 1990 Avg Rate:

5 min:

Completion Supervisor: Ron Shuck/Hans

ISIP: 2400

#### ATTACHMENT H

## WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4577'.
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class G cement.
3.	Plug #2	Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4.	Plug #3	Pump 42 sx Class G cement down 5-1/2" casing to 358'.

The approximate cost to plug and abandon this well is \$33,025.

### ASHLEY FEDERAL 11-13-9-15

Spud Date: 01/20/05 Initial Production: 85BOPD, 254MCFD, 18BWPD Proposed P & A Put on Production: 03/01/2005 Wellbore Diagram GL: 6157' KB: 6169' SURFACE CASING CSG SIZE: 8 5/8" GRADE: J-55 Pump 42 sx Class G Cement down 5-1/2" casing to 358' WEIGHT: 24# Cement Top @ 150' LENGTH: 7 jts. (298.09') DEPTH LANDED: 308.09' KB HOLE SIZE: 12 1/4" CEMENT DATA: 160 sks Class G Mix. 5 bbls cement to surface. Casing Shoe @ 308' PRODUCTION CASING CSG SIZE: 5 1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 143 jts. (6032.98') DEPTH LANDED: 6030.98' KB HOLE SIZE: 7 7/8" 200' Balanced Plug (25 sx) Class G Cement over water zone 2000' - 2200' CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. CEMENT TOP AT: 150' 100' (12 sx) Class G Cement plug on top of CIBP CIBP @ 4577' <del>=</del> 4672'-4676' **>** 4705'-4722' 4881'-4892' ¥ 4926'-4930' 5053'-5060' **5068**°-5078° 5572'-5583' **5746**'-5750' 5781'-5784' -5844'-5848' 5856'-5860' 5928'-5933' NEWFIELD PBTD @ 5987' SHOE @ 60317 Ashley Federal 11-13-9-15 1790' FSL & 2043' FEL TD @ 6050°

NE/SW Section 13-T9S-R15E Duchesne Co, Utah

API #43-013-32457; Lease #UTU-66184

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU66184 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT of CA AGREEMENT NAME: o not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. ASHLEY PA A 8. WELL NAME and NUMBER: 1. TYPE OF WELL: OIL WELL X GAS WELL OTHER ASHLEY FEDERAL 11-13-9-15 9. API NUMBER: 2. NAME OF OPERATOR: 4301332457 Newfield Production Company 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: PHONE NUMBER Route 3 Box 3630 STATE UT ZIP 84052 435.646.3721 Monument Butte CITY Myton 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1790 FSL 2043 FWL COUNTY: Duchesne Utah STATE: OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SW, 13, T9S, R15E CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION SubDate TYPE OF SUBMISSION TYPE OF ACTION REPERFORATE CURRENT FORMATION ACIDIZE DEEPEN X NOTICE OF INTENT ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL (Submit in Duplicate) NEW CONSTRUCTION TEMPORARITLY ABANDON CASING REPAIR Approximate date work will OPERATOR CHANGE TUBING REPAIR CHANGE TO PREVIOUS PLANS VENT OR FLAIR CHANGE TUBING PLUG AND ABANDON. SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) PRODUCTION (START/STOP) WATER SHUT-OFF CHANGE WELL STATUS Date of Work Completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: -X CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well. TITLE\_Operations Engineer NAME (PLEASE PRINT)

SIGNATURE

# BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF

FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 7-13-9-15, ASHLEY FEDERAL 11-13-9-15, ASHLEY

FEDERAL 13-13-9-15, ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 15-14-9-15 WELLS LOCATED IN SECTIONS 13 AND 14, TOWNSHIP 9 SOUTH, RANGE 15

EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

NOTICE OF AGENCY ACTION

CAUSE NO. UIC 324

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the Ashley Federal 7-13-9-15, Ashley Federal 11-13-9-15, Ashley Federal 13-13-9-15, Ashley Federal 13-14-9-15, and Ashley Federal 15-14-9-15 wells, located in Sections 13 and 14, Township 9 South, Range 15 East, Duchesne County, Utah, for conversion to Class II injection wells. The adjudicative proceeding will be conducted informally according to Utah Admin.Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 9th day of August, 2005.

STATE OF UTAH DIVISION OF OIL, GAS & MINING

Gil Hunt

Associate Director

# Newfield Production Company Ashley Federal 7-13-9-15, Ashley Federal 11-13-9-15, Ashley Federal 13-13-9-15, Ashley Federal 13-14-9-15, Ashley Federal 15-14-9-15 Cause No. UIC 324

Publication Notices were sent to the following:

Newfield Production Company Route 3, Box 3630 Myton, Utah 84052

Uintah Basin Standard Fx: (435) 722-4140 268 South 200 East Roosevelt, Utah 84066-3109

via E-Mail and Facsimile (801) 237-2577) Salt Lake Tribune PO Box 45838 Salt Lake City, UT 84145

Vernal District Office Bureau of Land Management 170 South 500 East Vernal, Utah 84078

Duchesne County Planning PO Box 317 Duchesne, Utah 84021-0317

Dan Jackson US EPA Region VIII, Suite 5000 999 18th Street Denver, CO 80202-2466

Julie Carter

Executive Secretary

August 9, 2005

No.	TRANSACTION R	REPORT		AUG-09-200	05 TUE 01:18 PM
FOR: OIL, GAS & MINING	801 35	59 3940			
DATE START RECEIVER	TX TIME	PAGES	TYPE	NOTE	M♯ DP
AUG-09 01:17 PM 14357224140	42"	2	SEND	OK	354
		TOTAL	. :	42S PAGES:	2

August 9, 2005

#### SENT VIA E-MAIL AND FAX

Uintah Basin Standard Fx: (435) 722-4140 268 South 200 East Roosevelt, Utah 84066-3109

Re: Notice of Agency Action - Cause No. UIC 324

#### Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Cincaralta

<b>x</b>	TRANSACTION F	REPORT	AUG-09-2005	5 TUE 01:19 PM
FOR: OIL, GAS & MINING	801 35	59 3940		
DATE START RECEIVER	TX TIME	PAGES TYPE	NOTE	M# DI
AUG-09 01:19 PM 2372577	44"	2 SEND	OK	355
		TOTAL :	44S PAGES:	2

August 9, 2005

SENT VIA E-MAIL AND FAX (801) 237-2577

Salt Lake Tribune PO Box 45838 Salt Lake City, UT 84145

Re: Notice of Agency Action - Cause No. UIC 324

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تعامسممية

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Sincerely,

Julia Cartan

Julie Carter

**Executive Secretary** 

encl.

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Salt Lake Tribune PO Box 45838 Salt Lake City, UT 84145

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Sincerely,

Julie Carter

**Executive Secretary** 

encl.



Duchesne County Planning, Zoning & Community Development 734 North Center Street P.O. Box 317 Duchesne, Utah 84021 (435) 738-1152 Fax (435) 738-5522

August 11, 2005

Mr. Gil Hunt, Associate Director Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

RE: Newfield Production Company Injection Wells (Cause No UIC-324)

Dear Mr. Hunt:

We are in receipt of your notice regarding Newfield Production Company's request to convert five wells, located in Sections 13 and 14, Township 9 South, Range 15 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP

Mikethyde

Community Development Administrator

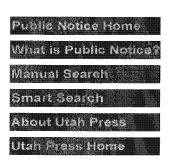
pc: Mike Guinn, Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

MAH/mah

F:\DATA\PLANNING\MIKE\OGM Correspondence\Newfield Injection Wells6.doc

AUG 1 2 2005

Utah Public Notice Page 1 of 2





## Your online source for public notices in Utah

#### **Public Notice**

County: Salt Lake

Printed In: Salt Lake Tribune Printed On: 2005/08/13

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#### **Public Notice:**

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC 324 IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 7-13-9-15, ASHLEY FEDERAL 11-13-9-15, ASHLEY FEDERAL 13-13-9-15, ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 15-14-9-15 WELLS LOCATED IN SECTIONS 13 AND 14, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the Ashley Federal 7-13-9-15, Ashley Federal 11-13-9-15, Ashley Federal 13-13-9-15, Ashley Federal 13-14-9-15, and Ashley Federal 15-14-9-15 wells, located in Sections 13 and 14, Township 9 South, Range 15 East, Duchesne County, Utah, for conversion to Class II injection wells. The adjudicative proceeding will be conducted informally according to Utah Admin.Rule R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil

Utah Public Notice Page 2 of 2

Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 9th day of August, 2005. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director 8202UF5D

Public Notice ID: 4130657.HTM

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A public service by the member newspapers of the



Vintah Basin Standard 8/16/05

## NOTICE OF AGENCY ACTION CAUSE NO. UIC 324

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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Dated this 9th day of

August, 2005.
STATE OF UTAH
DIVISION OF OIL,
GAS & MINING
Gil Hunt
Associate Director
Published in the Uintah
Basin Standard August 16

## **Newspaper Agency Corporation**

143 SOUTH MAIN ST. P.O.BOX 45838

The Salt Lake Tribune

Morning News

CUSTOMER'S COPY

SALT LAKE CITY, UTAH 84145 FED.TAX I.D.# 87-0217663

PROOF OF PUBLICATION

CUSTOMER NAME AND AD	Dress	ACCOUNT NUMBER	DATE	
DIV OF OIL-GAS & MINING		D5385340L-07	08/13/05	
1594 W NORTH TEMP #1210	•			
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CUST.	REF. NO.		BEFORE THE DIVISION OF OIL GAS DEPARTMENT OF NATURAL RE NOTICE STATE OF UTAH	SOURCES
			STATE OF UTAL NOTICE OF AGENCY ACT CAUSE NO. UIC 324	ION
CA	PTION		IN THE MATTER OF THE APPLICATION OF DUCTION COMPANY FOR ADMINISTRATIVE ASHLEY FEDERAL 7-13-9-15, ASHLEY FEDERAL 13-13-9-15, ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDER WELLS LOCATION IS ASHLEY FEDER ASHLEY FEDER ASHLEY FEDER FEDERAL 13-14-9-15, AND ASHLEY FEDER FEDERAL 13-14-9-15, AND ASHLEY FEDER FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-14-9-15, AND ASHLEY FEDERAL 13-	F NEWFIELD PRO- VE APPROVAL OF
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BEFORE THE DIV	ISION OF OIL, GA		SOUTH, RANGE 15 EAST, DUCHESNE CO	14, TOWNSHIP O DUNTY, UTAH, AS
S	IZE		THE STATE OF UTAH TO ALL PERSONS IN ABOVE ENTITLED MATTER.	TERESTED IN THE
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118 LIN		N .	and Mining (the "Division") is commenced in the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of the division of th	ing an informal
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MISC. CHARGES	AD CHAR	GES S	Notice is hereby given that the Division') is commend Mining (the "Division") is commend adjudicative proceeding to consider the levifield Production Company for advivous of the Ashley Federal 13-13-9-11-13-9-15, Ashley Federal 13-13-9-15 and Ashley Federal is considered in Sections 13 and 14 and ange 15 East, Duchesne County, Utah, for any Commendation wells. The adjudicative econducted informally according to 049-10, Administrative Procedures.	or conversion to proceeding will
		].R	049-10, Administrative Procedures.	Juli Admin.Kule
1	I	<b>I</b> '	Selective zones in the Green River For	manufacture of the second

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GA DIV OF OIL-GAS & MINING WAS PUBLISHED BY THE CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERT NEWS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

Selective zones in the Green River Formation will be defor water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Production Company.

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Dated this 9th day of August, 2005.

STATE OF UTAH DIVISION OF OIL, GAS & MINING

/s/ Gil Hunt Associate Director

8202UF5D

PUBLISHED OF

START 08/13/05

END 08/13/05

152.50 TOTAL COST

152.50

SIGNATURE

DATE 08/13/05

.00

Notary Public SHERI Z. EARL 143 South Main Street Salt Lake City, Utah 84111 My Commission Expires May 24, 2009

State of Utah

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION" PLEASE PAY FROM BILLING STATEMENT.

# DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: <u>Ne</u>	whield Production Company	Well:	Ashley 11-13-9-15
Location:	13/9S/15E	API:	43-013-32457

Ownership Issues: The proposed well is located on BLM land. The well is located in the Ashley Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Ashley Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 308 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6,031 feet. A cement bond log demonstrates adequate bond in this well up to 924 feet. A 2 7/8 inch tubing with a packer will be set at 4,637 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells in the area of review. All of the wells have evidence of adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1,200 feet. Injection shall be limited to the interval between 3,962 feet and 5,952 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 11-13-9-15 well is .79 psi/ft. which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,013 psig. The requested maximum pressure is 2,013 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Ashley 11-13-9-15 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Ashley Unit August 25, 1998. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date 09/22/	2005
------------------------------------	------

## STATE OF UTAH DIVISION OF OIL GAS AND MINING

## **INJECTION WELL - PRESSURE TEST**

Well Name: AF 11-13-9-15  Qtr/Qtr: NE/SW Section: 13  Company Name: NEW FIRE  Lease: State Fee Inspector: Leanus Sugar	Federal_ <i>UTu-</i>	
Initial Conditions:  Tubing - Rate:  Casing/Tubing Annulus - Pressure:	Pressure:	<i>450</i> psi
Conditions During Test:		
0 _	Inulus Pressure  1450  1450  1450  1450  1450  1450  1450  1450	Tubing Pressure  450  450  450  450  450  450  450  45
Conditions After Test:		
Tubing Pressure: 450 p  Casing/Tubing Annulus Pressur  COMMENTS: Jufted of tu	<u> </u>	WIW. Regard test
Operator Representative	<del> </del>	

## **Mechanical Integrity Test Casing or Annulus Pressure Test**

## **Inland Production Company**

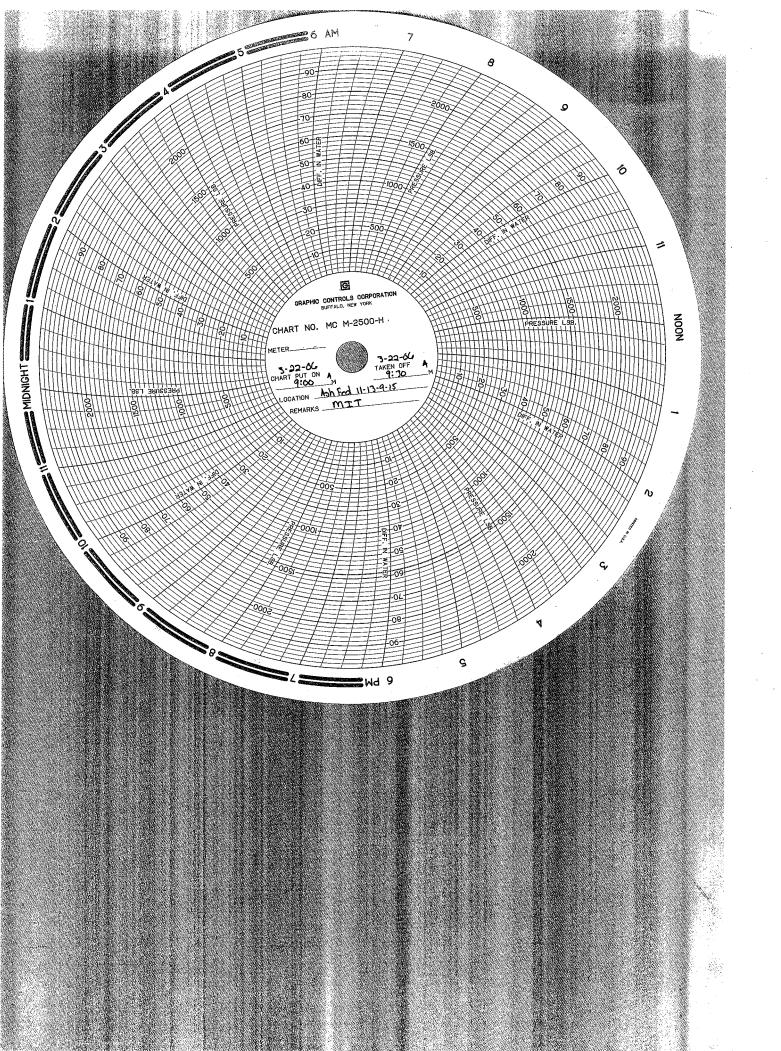
Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: Dennis Ingram Test Conducted by: Mathew Bertach	Date 3 /22 / 06 Time 9:00 am pm
Others Present:	
Well: Ashley Federal 11-13-9-15	Field: Ashky Unit UTU-73580X
Well Location: NE/SW Sc. 13, T95, R15E	API No: 43-013-32457

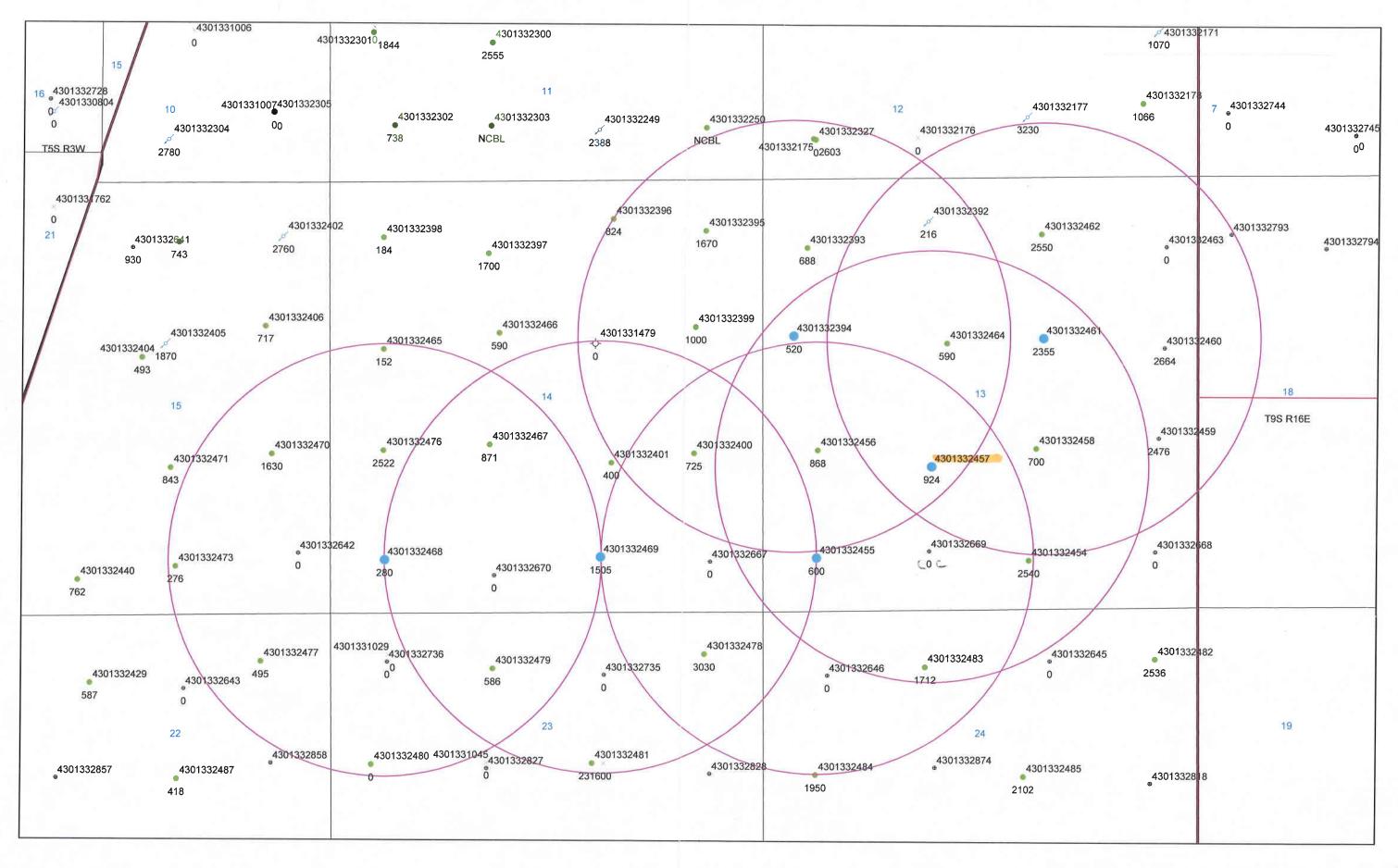
<u>Time</u>	Casing Pressure	
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5	1450	psig
10	1450	psig
15	1450	psig
20	1450	psig
25	1450	psig
30 min	1450	psig
35		psig
40		psig
45		psig
50		psig
55		- psig
60 min		psig
oing pressure:	450	psig
Result:	Pass	Fail

**Signature of Witness:** Signature of Person Conducting Test: mult be a tak

Tubing



## UIC-323 & UIC 324



## STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:	
UTU66184	

	DIVISION OF OIL,	GAS AND	MIMING		UTU66184
SUNDRY	NOTICES ANI	D REPO	RTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
onot use this form for proposals to drill ne to drill horizontal late	w wells, significantly deepen exist erals. Use APPLICATION FOR P				7. UNIT OF CA AGREEMENT NAME: ASHLEY PA A
1. TYPE OF WELL: OIL WELL X GAS WELL OTHER					8. WELL NAME and NUMBER:
OIL WELL L	GAS WELL O	THER			ASHLEY FEDERAL 11-13-9-15
2. NAME OF OPERATOR:					9. API NUMBER:
NEWFIELD PRODUCTION COMP	ANY				4301332457
3. ADDRESS OF OPERATOR:				PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
	Y Myton STA	ATE UT	ZIP 84052	435.646.3721	Monument Butte
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1790 FSL 2	2043 FWL				COUNTY: Duchesne
OTR/OTR, SECTION, TOWNSHIP, RANGE,	MERIDIAN: NE/SW, 13, T9S,	R15E			STATE: Utah
11. CHECK APPROI	PRIATE BOXES TO I	NDICATE	NATURE (	OF NOTICE, REPO	RT, OR OTHER DATA
	1	TYPE	OF ACTION	SubDate	
TYPE OF SUBMISSION			TY	PE OF ACTION	
<b>–</b>	ACIDIZE		DEEPEN		REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING		FRACTURE T	REAT	SIDETRACK TO REPAIR WELL
	CASING REPAIR		☐ NEW CONSTI		TEMPORARITLY ABANDON
Approximate date work will	1=		=		
1.4.4. 5.	CHANGE TO PREVIOUS PLA	NS	OPERATOR C	CHANGE	TUBING REPAIR
	CHANGE TUBING		PLUG AND A	BANDON	☐ VENT OR FLAIR
▼ SUBSEQUENT REPORT	CHANGE WELL NAME		PLUG BACK		WATER DISPOSAL
(Submit Original Form Only)	X CHANGE WELL STATUS		PRODUCTIO	N (START/STOP)	WATER SHUT-OFF
Date of Work Completion:	COMMINGLE PRODUCING F	ORMATIONS	RECLAMATI	ON OF WELL SITE	X OTHER: - Injection Conversion
03/03/2006	X CONVERT WELL TYPE		=	E - DIFFERENT FORMATION	
	!=			· · · · · · · · · · · · · · · · · · ·	
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. (	Clearly show all	pertinent details	s including dates, depths, v	olumes, etc.
The subject well was converte Utah was contacted concernin 3/22/06. On 3/22/06 the csg w injecting during the test. The t test. API #43-013-32457	g the initial MIT on the al as pressured up to 1450	bove listed w psig and cha	ell. Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permission of the Permiss	on was given at that ti inutes with no pressu	me to perform the test on re loss. The well was not
NAME (N. PASE DEIST) Callie Duncan				TITLE Production Clerk	
NAME (PLEASE PRINT) Callie Duncan	:	· · · · · ·		ITTLE Suchon Clork	<u> </u>
SIGNATURE (RELOCOL)	weeces	· 	1	DATE_03/27/2006	
(This mass for Section b.)					

RECEIVED

MAR 2 9 2006

Sundry Number: 68936 API Well Number: 43013324570000

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN	-	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-66184
SUNDR	RY NOTICES AND REPORTS (	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizor n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: ASHLEY FED 11-13-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		<b>9. API NUMBER:</b> 43013324570000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4825	PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1790 FSL 2043 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 13 Township: 09.0S Range: 15.0E Merid	an: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
1/7/2015	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:			
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT	L TUBING REPAIR	U VENT OR FLARE	☐ WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: 5 YR MIT
On 01/05/2016 of contacted concer 01/07/2016 the cas 30 minutes with no test. The tubing pressure of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contact of the contac	COMPLETED OPERATIONS. Clearly show a Amy Doebele with the State rning the 5 Year MIT on the a ing was pressured up to 109 pressure loss. The well was essure was 1819 psig during ative available to witness the	of Utah DOGM was above listed well. On 8 psig and charted for not injecting during the the test. There was a test - Amy Doebele.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 08, 2016
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	<b>PHONE NUMBI</b> 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		<b>DATE</b> 1/8/2016	

Sundry Number: 68936 API Well Number: 43013324570000

## Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: Amy Do	rebele 1	Date 1 1 7 1 16	Time 12:01	am (pm)
Test Conducted by: /	Michael K Jensen			
Others Present: 141m	Gikes, Jeremy	Prive		
-				•
Well: Ashley Febra	11-13-9-15	Field: Mond	ment Butte	
Well Location: NE/Sw	sec 13, Tas, RISI	E API No: 43-0	3-32457	

<u>Time</u>	<b>Casing Pressure</b>	
0 min	1092.4	psig
5	1093. 8	psig
10	1093.8	psig
15	1094.6	psig
20	10954	psig
25	1096.2	psig
30 min	1097.6	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig
oressure:	1819	nsia

Tubing pressure: 1819 ps

Result:

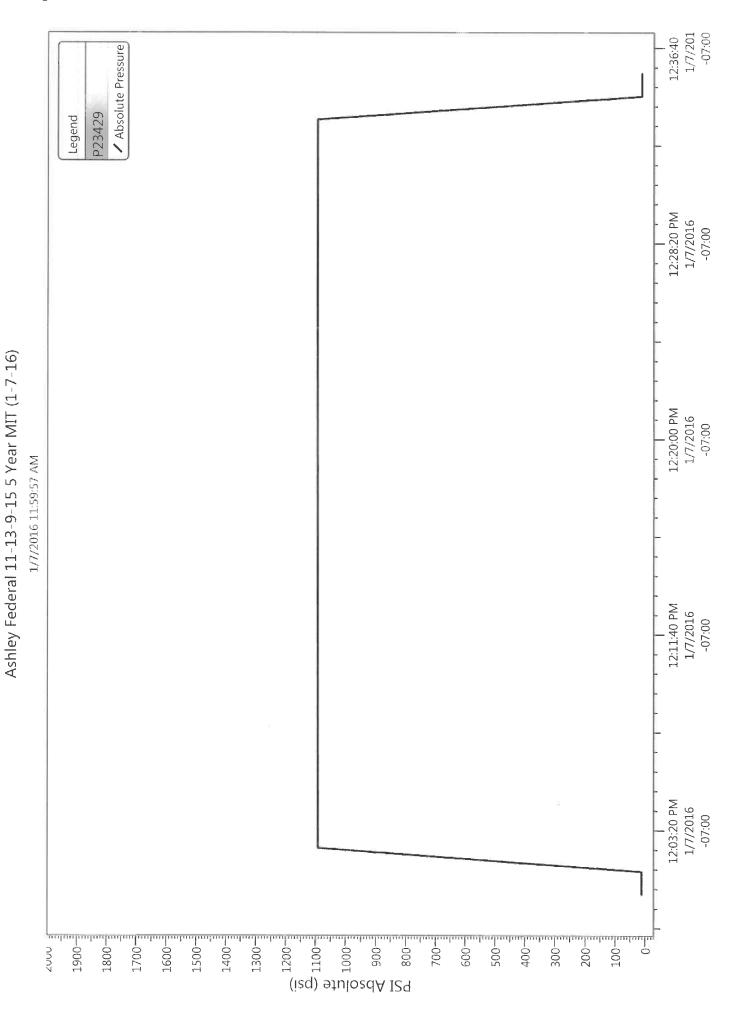
Pass

Fail

Signature of Witness:

Signature of Person Conducting Test:

Milal of



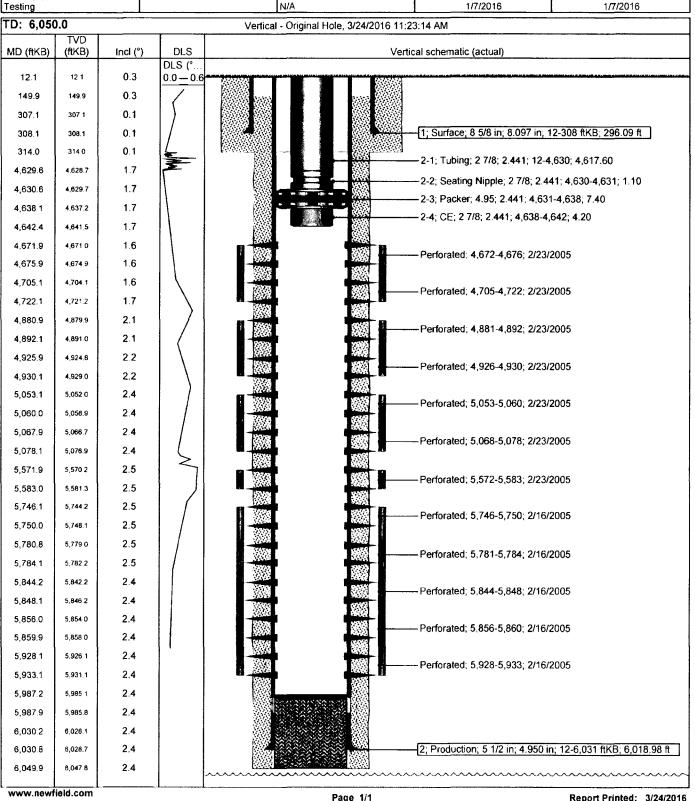
## NEWFIELD 26

Well Name: Ashley 11-13-9-15

**Schematic** 

Surface Legal Location State/Province ield Name 13-9S-15E 43013324570000 500151112 Utah GMBU CTB2 Duchesne Original KB Elevation (ft) Ground Elevation (ft) Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Spud Date Rig Release Date On Production Date 3/1/2005 6,169 6,157 Original Hole - 5,987.3

Most Recent Job Primary Job Type Secondary Job Type Job Start Date Job End Date N/A 1/7/2016 1/7/2016





## Newfield Wellbore Diagram Data Ashley 11-13-9-15

Surface Legal Location						API/UWI	, , , , , , , , , , , , , , , , , , , ,	Lease				
13-9S-15E County		State/Province I				43013324570000 Basin		Field Name				
Duchesne	<b></b>		Utah					GMBU CTB2				
Well Start Date 1/20/	/2005		]			Final Rig Release Date		On Production Date 3/1/2005				
Original KB Elevation (ft)	Ground Elevati				Total Depth All (TVD) (ftKB)		PBTD (All) (fIKB)					
6,169	<u> </u>	6,157	<u> </u>		6,050.0	l		Original Hole - 5,98	7.3			
Casing Strings	Des		Run [	)ale	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)			
Surface	) De3		1/20/2005	Zate	8 5/8	8.097	24.00		308			
Production			2/6/2005		5 1/2	4.950	15.50	J-55	6,031			
Cement					•	· · · · · · · · · · · · · · · · · · ·		•	•			
String: Surface, 30	8ftKB 1/25	/2005										
Cementing Company BJ Services Compar	nv					Top Depth (flKB) 12.0	Bottom Depth (ftKB) 314.0	Full Return?	Vol Cement Ret (bbl) 5.0			
Fluid Description	•					Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)			
Class "G" w/ 2% Cat yield	CL2 + 1/4#/	sk Cello-f	Flake mixed	1@ 15.8	ppg 1.17 cf/sk	Lead	160	G	12.0			
String: Production,	, 6,031ftKB	2/6/2005	5			l	1	<u>L</u>				
Cementing Company				***************************************		Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)			
BJ Services Compar Fluid Description	riy					150.0 Fluid Type	6,050.0 Amount (sacks)	Class	Estimated Top (ftKB)			
Premite II w/ 10% go	el + 3 % KC	CL, 3#'s /s	sk CSE + 2#	\$ sk/kolse	eal + 1/4#'s/sk	Lead		Premium Plus	150.0			
Cello Flake mixed @ 11.0 ppg V	N / 3.43 cf/s	k yield										
Fluid Description			4 414# : =	F 00'	1 00/ 014	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)			
50/50 poz W/ 2% Ge @ 14.4 ppg W/ 1.24		_, .5%EC	1,1/4# sk C	.⊦. 2% g∈	el. 3% SM mixed	Tail	400	50/50 POZ	3,025.0			
Tubing Strings								· · · · · · · · · · · · · · · · · · ·				
Tubing Description Tubing	Tubing Description					Run Date 3/3/	2006	Set Depth (ftKB)	Depth (ftKB) 4,642.3			
Item Des	T	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)			
Tubing		139	2 7/8	2.441	6.50	J-55	4,617.60	12.0	4,629.6			
Seating Nipple		1	2 7/8	2.441			1.10	4,629.6	4,630.7			
Packer CE		1	4.95 2 7/8	2.441 2.441			7.40 4.20	4,630.7	4,638.1			
Rod Strings			2 110	2.441	L		4.20	4,638.1	4,642.3			
Rod Description					·	Run Date		Set Depth (ftKB)				
Item Des		Jts	OD (	in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)			
									<u> </u>			
Perforation Interval		т	T //	Y/D)	Di (4KD)	Chat Day (ab 4 49)	O					
Stage# 5 D1/D2, Or	Zone riginal Hole		Top (ft	4,672	8tm (ftKB) 4,676	Shot Dens (shots/ft) 4	Phasing (°)	Nom Hole Dia (in) 0.340	Date 2/23/2005			
	riginal Hole			4,705	4,722	4	90	İ	2/23/2005			
4 B2/B.5, O	riginal Hole			4,881	4,892	4	90	0.340	2/23/2005			
1 1	riginal Hole			4,926	4,930	4	90	1	2/23/2005			
3 A1, Origin				5,053	5,060	4	90		2/23/2005			
3 A1, Origin				5,068	5,078	4	90		2/23/2005			
2 CP1, Orig 1 CP3/CP4/				5,572	5,583	4	90		2/23/2005			
1 CP3/CP4/ Original H		·		5,746	5,750	4	90	0.340	2/16/2005			
1 CP3/CP4/ Original H	/CP5/BSSD.			5,781	5,784	4	90	0.340	2/16/2005			
1 1 7	CP5/BSSD,			5,844	5,848	4	90	0.340	2/16/2005			
1 CP3/CP4/ Original H	/CP5/BSSD,	,		5,856	5,860	4	90	0.340	2/16/2005			
1 CP3/CP4/ Original H	/CP5/BSSD,	,		5,928	5,933	4	90	0.340	2/16/2005			
Stimulations & Trea									<u> </u>			
Stage#	ISIP (p		Frac Gradie		Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Val Recov (bbl)			
]		2,025		0.78	24.7	2,100						
3		2,050		0.8 0.87	24.7 24.9	2,460						
3   4		2,200 2,125		387.0	24.9 24.7	2,170 2,285						
<u> </u>		-, 0		301.0	£-1.1	2,200		<u> </u>				
www.newfield.com	m				Pa	ge 1/2		Report	Printed: 3/24/2016			



## Newfield Wellbore Diagram Data Ashley 11-13-9-15

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bb/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slumy Vol (bbl)	Vol Recov (bb)	
	2,400	0.94	24.9	2,200				
pant					· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
Stage#	Total Prop Vol Pumped (%)	Total Add Amount						
		Proppant Bulk Sand	Proppant Bulk Sand 39925 lb					
		Proppant Bulk Sand 20108 lb						
		Proppant Bulk Sand 75275 lb						
		Proppant Bulk Sand 34521 lb						
		Proppant Bulk Sand 8	31299 lb					